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TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 72 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/72
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
PC C12Q1/68,
PC C12N15/00
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Db 20 ATGTGCAATACCAACATGTC 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138147
VERSION    BD138147.1 GI:23233092
KEYWORDS   JP 2002508944-A/73.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 73 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
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            PD 26-MAR-2002
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            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONSENT
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PC C12N15/00
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RESULT 528
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LOCUS      20 bp DNA linear
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138148
VERSION    BD138148.1 GI:23233093
KEYWORDS   JP 2002508944-A/74.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 74 26-MAR-2002;
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            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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ACCESSION BD138149
VERSION    BD138149.1 GI:23233094
KEYWORDS   JP 2002508944-A/75.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 75 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/75

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PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
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 PC C12Q1/68,
 PC C12N15/00

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 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
 CC Location/Qualifiers

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Db 20 CAACATGCTGTACTACTG 1

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 ACCESSION BD138150
 VERSION BD138150.1 GI:23233095
 KEYWORDS JP 2002508944-A/76.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 76 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified
 PN JP 2002508944-A/76
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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 PC C12Q1/68,
 PC C12N15/00

CC Strandedness: Single;
 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
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Db 20 TACCTACTGATGCTGCTGTA 1

RESULT 531

BD138151/c

LOCUS

DEFINITION

ACCESSION

BD138151

VERSION

BD138151.1 GI:23233096

KEYWORDS JP 2002508944-A/77.

SOURCE unidentified

ORGANISM unidentified

unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 77 26-MAR-2002;
 ISIS PHARMACEUTICALS INC

COMMENT OS Unidentified

PN JP 2002508944-A/77

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,
 PC C12N15/00

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 CC Topology: Linear;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;

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Db 20 GTAAACCACTTCACAGATTCC 1

RESULT 532

BD138152/c

LOCUS

DEFINITION

ACCESSION

BD138152

VERSION

BD138152.1 GI:23233097

KEYWORDS JP 2002508944-A/78.

SOURCE unidentified

ORGANISM unidentified

unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 78 26-MAR-2002;
 ISIS PHARMACEUTICALS INC

COMMENT OS Unidentified

PN JP 2002508944-A/78

PD 26-MAR-2002

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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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RESULT 533
BD138153/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
1 (bases 1 to 20)
AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 79 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/79
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

BD138153
DEFINITION
ACCESSION
VERSION
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SOURCE
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AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 79 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PR 26-MAR-1998 US 09/048810
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BD138154/c
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AUTHORS
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TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 80 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/80
PD 26-MAR-2002
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AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 81 26-MAR-2002;
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COMMENT
OS Unidentified
PN JP 2002508944-A/81
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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KEYWORDS	JP 2002508944-A/83.
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REFERENCE	1 (bases 1 to 20)
AUTHORS	Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,T.L.M.
TITLE	Antisense modulation of human MDM2 expression
JOURNAL	Patent: JP 2002508944-A 83 26-MAR-2002;
COMMENT	ISIS PHARMACEUTICALS INC
OS	Unidentified
PN	JP 2002508944-A/83
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DEFINITION	Antisense modulation of human MDM2 expression.
ACCESSION	BD138158
VERSION	BD138158.1 GI:23233103
KEYWORDS	JP 2002508944-A/84.
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1 (bases 1 to 20)
AUTHORS	Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,T.L.M.
TITLE	Antisense modulation of human MDM2 expression
JOURNAL	Patent: JP 2002508944-A 84 26-MAR-2002;
COMMENT	ISIS PHARMACEUTICALS INC
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FN	JP 2002508944-A/84
PD	26-MAR-2002
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PR	26-MAR-1998 US 09/048810
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138165
VERSION BD138165.1 GI:23233110
KEYWORDS JP 2002508944-A/91.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 91 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138167
VERSION BD138167.1 GI:23233112
KEYWORDS JP 2002508944-A/93.
SOURCE unidentified
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 93 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
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PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138166
VERSION BD138166.1 GI:23233111
KEYWORDS JP 2002508944-A/92.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 92 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/92
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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RESULT 547
BD138167/c
LOCUS BD138167 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138167
VERSION BD138167.1 GI:23233112
KEYWORDS JP 2002508944-A/93.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 93 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568
Db 20 GATCTTCTAGGAGATTGTT 1

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RESULT 548
BD138168/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138168
VERSION     BD138168.1  GI:23233113
KEYWORDS   JP 2002508944-A/94.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 94 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/94
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSEERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH  Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

RESULT 549
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138169
VERSION     BD138169.1  GI:23233114
KEYWORDS   JP 2002508944-A/95.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 95 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/95
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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PC  C12N15/00
CC  Strandedness: Single;
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QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

RESULT 548
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138168
VERSION     BD138168.1  GI:23233113
KEYWORDS   JP 2002508944-A/94.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 94 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/94
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSEERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
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CC  Location/Qualifiers
FT  source      1..20
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

RESULT 549
BD138169/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138169
VERSION     BD138169.1  GI:23233114
KEYWORDS   JP 2002508944-A/95.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 95 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/95
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSEERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH  Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  559 GAGATTGTTGGCGTGCCA 578
Db  20 GAGATTGTTGGCGTGCCA 1

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CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH  Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  566 GTTGGCGTGCCAGCTTCT 585
Db  20 GTTGGCGTGCCAGCTTCT 1

RESULT 550
BD138170/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138170
VERSION     BD138170.1  GI:23233115
KEYWORDS   JP 2002508944-A/96.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 96 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
          PN JP 2002508944-A/96
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI  COWSEERT
PC  C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC  C12Q1/68.
PC  C12N15/00
CC  Strandedness: Single;
CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH  Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism='Unidentified'.

FEATURES
source
Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  575 GCCAAGCTTCTCTGTGAAG 594
Db  20 GCCAAGCTTCTCTGTGAAG 1

RESULT 551
BD138171/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138171

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VERSION BDI38171.1 GI:23233116
SOURCE JP 2002508944-A/97.
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 97 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/97
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI CONSENT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
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CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
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/organism='Unidentified'.
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAAGAGCAGCAGGAAA 606
DB 20 TGTGAAGAGCAGCAGGAAA 1

RESULT 552
BDI38172/c
LOCUS BDI38172 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BDI38172
VERSION BDI38172.1 GI:23233117
KEYWORDS JP 2002508944-A/98.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 98 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/98
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI CONSENT
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PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
/organism='Unidentified'.
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/mol_type='genomic DNA'
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAAGAGCAGCAGGAAA 606
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RESULT 552
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LOCUS BDI38172 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BDI38172
VERSION BDI38172.1 GI:23233117
KEYWORDS JP 2002508944-A/98.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 98 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
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PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 AGGAAAATATATACCATGAT 619
DB 20 AGGAAAATATATACCATGAT 1

RESULT 554
BDI38174/c
LOCUS BDI38174 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BDI38174
VERSION BDI38174.1 GI:23233119
KEYWORDS JP 2002508944-A/100.
SOURCE unidentified
ORGANISM unclassified.

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REFERENCE
AUTHORS      1 (bases 1 to 20)
TITLE        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL      Antisense modulation of human MDM2 expression
              Patent: JP 2002508944-A 100 26-MAR-2002;
COMMENT      ISIS PHARMACEUTICALS INC
OS           Unidentified
PN           JP 2002508944-A/100
PD           26-MAR-2002
PF           26-MAR-1999 JP 2000538025
PR           26-MAR-1998 US 09/048810
PI           LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC           C12N15/00
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CC           Topology: linear;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 609 TATACCATGATCTACAGGAA 628
Db 20 TATACCATGATCTACAGGAA 1

RESULT 555
BD138175/c
LOCUS      BD138175 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138175
VERSION    BD138175.1 GI:23233120
KEYWORDS  JP 2002508944-A/101.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 101 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
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            PD 26-MAR-2002
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            PR 26-MAR-1998 US 09/048810
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PI           COWSBERT
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 609 TATACCATGATCTACAGGAA 628
Db 20 TATACCATGATCTACAGGAA 1

RESULT 555
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LOCUS      BD138175 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138175
VERSION    BD138175.1 GI:23233120
KEYWORDS  JP 2002508944-A/101.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 101 26-MAR-2002;
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COMMENT    OS Unidentified
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            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC           C12N15/00
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CC           Topology: linear;
CC           Antisense modulation of human MDM2 expression FH Key
CC           Location/Qualifiers
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QY 634 TAGTAGTCATCAGCAGGAA 653
Db 20 TAGTAGTCATCAGCAGGAA 1

RESULT 557
BD138177/c
LOCUS      BD138177 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138177
VERSION    BD138177.1 GI:23233122
KEYWORDS  JP 2002508944-A/103.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 103 26-MAR-2002;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 TCTACAGGAACTTGGTAGTA 1

RESULT 556
BD138176/c
LOCUS      BD138176 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138176
VERSION    BD138176.1 GI:23233121
KEYWORDS  JP 2002508944-A/102.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 102 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/102
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
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PC           C12N15/00
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CC           Topology: linear;
CC           Antisense modulation of human MDM2 expression FH Key
CC           Location/Qualifiers
FT           source 1..20
FT           Location/Qualifiers
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              /organism='Unidentified'
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 634 TAGTAGTCATCAGCAGGAA 653
Db 20 TAGTAGTCATCAGCAGGAA 1

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BD138177/c
LOCUS      BD138177 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138177
VERSION    BD138177.1 GI:23233122
KEYWORDS  JP 2002508944-A/103.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 103 26-MAR-2002;
            ISIS PHARMACEUTICALS INC

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COMMENT OS Unidentified
PN JP 2002508944-A/103
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
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   /organism='unidentified'
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCAGGAATCATCGGACTCA 665
Db 20 AGCAGGAATCATCGGACTCA 1

RESULT 558
BD138178/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138178
VERSION BD138178.1 GI:23233123
KEYWORDS JP 2002508944-A/104.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 104 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/104
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 646 AGCAGGAATCATCGGACTCA 665
Db 20 AGCAGGAATCATCGGACTCA 1

RESULT 558
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138178
VERSION BD138178.1 GI:23233123
KEYWORDS JP 2002508944-A/104.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 104 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/104
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138179
VERSION BD138179.1 GI:23233124
KEYWORDS JP 2002508944-A/105.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 105 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/105
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Db 20 ACATCTGTGAGTGAGAACAG 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138180
VERSION BD138180.1 GI:23233125
KEYWORDS JP 2002508944-A/106.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 106 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/106
PD 26-MAR-2002
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PR 26-MAR-1998 US 09/048810

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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

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CC Topology: Linear;

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Db 20 AGAACAGGTGTCACCTTGAA 1

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

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PC C12N15/00

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;

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Db 20 GTCACCTTGAAGGTGGAGT 1

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

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BD138182/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 108 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/108

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PI 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 TGGGAGTGATCAAAAGGACC 1

PI COWSERT

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PC C12N15/00

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PC C12N15/00
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RESULT 564
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LOCUS BD138184 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138184
VERSION BD138184.1 GI:23233129
KEYWORDS JP 2002508944-A/110.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 110 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/110
PD 26-MAR-2002
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 566
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LOCUS BD138186 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138186
VERSION BD138186.1 GI:23233131
KEYWORDS JP 2002508944-A/112.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 112 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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DEFINITION Antisense modulation of human MDM2 expression.

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ACCESSION BD138185
VERSION BD138185.1 GI:23233130
KEYWORDS JP 2002508944-A/111.
SOURCE unidentified
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REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 111 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/111
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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RESULT 566
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138186
VERSION BD138186.1 GI:23233131
KEYWORDS JP 2002508944-A/112.
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ORGANISM unclassified.
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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 112 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
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PI COWSETT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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CC Location/Qualifiers

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BD138187/c			
LOCUS	20 bp DNA linear		
DEFINITION	Antisense modulation of human MDM2 expression.		
ACCESSION	BD138187		
VERSION	BD138187.1 GI:23233132		
KEYWORDS	JP 2002508944-A/113.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.		
TITLE	Antisense modulation of human MDM2 expression		
JOURNAL	Patent: JP 2002508944-A 113 26-MAR-2002;		
COMMENT	ISIS PHARMACEUTICALS INC		
OS	Unidentified		
PN	JP 2002508944-A/113		
PD	26-MAR-2002		
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PI	COWSETT		
PC	C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04		
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Matches	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
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Db	20 AGACCATCTACCTCATCTAG 1		
RESULT 569			
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LOCUS	20 bp DNA linear		
DEFINITION	Antisense modulation of human MDM2 expression.		
ACCESSION	BD138189		
VERSION	BD138189.1 GI:23233134		
KEYWORDS	JP 2002508944-A/115.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.		
TITLE	Antisense modulation of human MDM2 expression		
JOURNAL	Patent: JP 2002508944-A 115 26-MAR-2002;		
COMMENT	ISIS PHARMACEUTICALS INC		
OS	Unidentified		
PN	JP 2002508944-A/115		
PD	26-MAR-2002		
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PI	LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M		
PI	COWSETT		
PC	C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04		
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PC	C12N15/00		
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CC	Topology: Linear;		
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AUTHORS	Location/Qualifiers		
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Query Match	0.8%; Score 20; DB 1; Length 20;		
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Qy	761 ACATTGGTTCTAGACCAT 780		
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RESULT 568			
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LOCUS	20 bp DNA linear		
DEFINITION	Antisense modulation of human MDM2 expression.		
ACCESSION	BD138188		
VERSION	BD138188.1 GI:23233133		
KEYWORDS	JP 2002508944-A/114.		
SOURCE	unidentified		
ORGANISM	unclassified.		
REFERENCE	1 (bases 1 to 20)		
AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsett, L.M.		
TITLE	Antisense modulation of human MDM2 expression		
JOURNAL	Patent: JP 2002508944-A 114 26-MAR-2002;		
COMMENT	ISIS PHARMACEUTICALS INC		
OS	Unidentified		
PN	JP 2002508944-A/11		

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAGGAGGAGCAATT 806
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Db 20 CATCTAGAGGAGGAGCAATT 1

RESULT 570
BD138190/c
LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138190
VERSION     BD138190.1 GI:23233135
KEYWORDS   JP 2002508944-A/116.
SOURCE     unidentified
ORGANISM   unclassified
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 116 26-MAR-2002;
COMMENT   ISIS PHARMACEUTICALS INC
OS        Unidentified
PN        JP 2002508944-A/116
PD        26-MAR-2002
PF        26-MAR-1999 JP 2000538025
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PI        LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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Db 20 GAGACAGAGAGAAATTCAGA 1

RESULT 572
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LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138192
VERSION     BD138192.1 GI:23233137
KEYWORDS   JP 2002508944-A/118.
SOURCE     unidentified
ORGANISM   unclassified
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 118 26-MAR-2002;
COMMENT   ISIS PHARMACEUTICALS INC
OS        Unidentified
PN        JP 2002508944-A/118
PD        26-MAR-2002
PF        26-MAR-1999 JP 2000538025
PR        26-MAR-1998 US 09/048810
PI        LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 798 AGAGCAATTAGTGAGACAGA 817
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Db 20 AGAGCAATTAGTGAGACAGA 1

RESULT 571
BD138191/c
LOCUS      20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138191
VERSION     BD138191.1 GI:23233136
KEYWORDS   JP 2002508944-A/117.
SOURCE     unidentified
ORGANISM   unclassified
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 117 26-MAR-2002;

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 824 TTCAGATGAATTCATCTGGTG 843
 Db 20 TTCAGATGAATTCATCTGGTG 1

RESULT 573
 BD138193/c

LOCUS BD138193 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138193
 VERSION BD138193.1 GI:23233138
 KEYWORDS JP 2002508944-A/119.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 119 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified
 PN JP 2002508944-A/119
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
 PC C12Q1/68,
 PC C12N15/00
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 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 ATTATCTGCTGACGACAAA 852
 Db 20 ATTATCTGCTGACGACAAA 1

RESULT 574
 BD138194/c

LOCUS BD138194 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138194
 VERSION BD138194.1 GI:23233139
 KEYWORDS JP 2002508944-A/120.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 120 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified
 PN JP 2002508944-A/120
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
 PC C12Q1/68,
 PC C12N15/00
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 CC Topology: Linear;
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Query Match 0.8%; Score 20; DB 1; Length 20;
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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 844 AACGACAAAGAAAACGCCAC 863
 Db 20 AACGACAAAGAAAACGCCAC 1

RESULT 575
 BD138195/c

LOCUS BD138195 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138195
 VERSION BD138195.1 GI:23233140
 KEYWORDS JP 2002508944-A/121.
 SOURCE unidentified
 ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 121 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified
 PN JP 2002508944-A/121
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COMSERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
 PC C12Q1/68,
 PC C12N15/00
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 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
 CC Location/Qualifiers
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Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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QY 857 ACGCCACAAATCTGATAGTA 876
 Db 20 ACGCCACAAATCTGATAGTA 1

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RESULT 576
BD138196/c
LOCUS BD138196 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138196
VERSION BD138196.1 GI:23233141
KEYWORDS JP 2002508944-A/122.
SOURCE unidentified
ORGANISM unidentified
UNCLASSIFIED.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 122 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/122
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 867 TCTGATAGTATTTCCCTTC 886
Db 20 TCTGATAGTATTTCCCTTC 1

RESULT 577
BD138197/c
LOCUS BD138197 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138197
VERSION BD138197.1 GI:23233142
KEYWORDS JP 2002508944-A/123.
SOURCE unidentified
ORGANISM unidentified
UNCLASSIFIED.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 123 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/123
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 867 TCTGATAGTATTTCCCTTC 886
Db 20 TCTGATAGTATTTCCCTTC 1

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PC C12Q1/68,
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CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 880 CCCTTTCTCTTGATGAAGC 899
Db 20 CCCTTTCTCTTGATGAAGC 1

RESULT 578
BD138198/c
LOCUS BD138198 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138198
VERSION BD138198.1 GI:23233143
KEYWORDS JP 2002508944-A/124.
SOURCE unidentified
ORGANISM unidentified
UNCLASSIFIED.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 124 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/124
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCCTGGCTCTGTGTGA 914
Db 20 AAAGCCTGGCTCTGTGTGA 1

RESULT 579
BD138199/c
LOCUS BD138199 20 bp DNA linear PAT 18-SEP-2002

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138199
VERSION BD138199.1 GI:23233144
KEYWORDS JP 2002508944-A/125.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 125 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/125
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
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PC C12Q1/68,
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CC Strandedness: Single;
CC Topology: Linear;
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCCTGTGTGTAATAGGGAG 923
DB 20 CTCCTGTGTGTAATAGGGAG 1

RESULT 580
BD138200/c
LOCUS BD138200
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138200
VERSION BD138200.1 GI:23233145
KEYWORDS JP 2002508944-A/126.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 126 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/126
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCCTGTGTGTAATAGGGAG 923
DB 20 CTCCTGTGTGTAATAGGGAG 1

RESULT 580
BD138200/c
LOCUS BD138200
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138200
VERSION BD138200.1 GI:23233145
KEYWORDS JP 2002508944-A/126.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 126 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/126
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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CC Topology: Linear;
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TGTGTGAAAGACGACGTAG 946
DB 20 TGTGTGAAAGACGACGTAG 1

RESULT 582
BD138202/c
LOCUS BD138202
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138202
VERSION BD138202.1 GI:23233147
KEYWORDS JP 2002508944-A/128.
SOURCE unidentified

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ORGANISM      unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE          Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 128 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
               PN JP 2002508944-A/128
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COMSERT
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 AGAAGCAGTAGCAGTGAATC 955
DB 20 AGAAGCAGTAGCAGTGAATC 1
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RESULT 583
BD138203/c
LOCUS      BD138203      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138203
VERSION     BD138203.1 GI:232333148
KEYWORDS    JP 2002508944-A/129.
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 129 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
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               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
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PI COMSERT
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PC C12Q1/68,
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 AGAAGCAGTAGCAGTGAATC 955
DB 20 AGAAGCAGTAGCAGTGAATC 1
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|||||

RESULT 583
BD138203/c
LOCUS      BD138203      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138203
VERSION     BD138203.1 GI:232333148
KEYWORDS    JP 2002508944-A/129.
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 129 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
               PN JP 2002508944-A/129
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
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PI COMSERT
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PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
   /organism='Unidentified'.
FEATURES
   source 1..20
   Location/Qualifiers
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     /db_xref='taxon:32644'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 CGCCATCGAATCGGATCTT 983
DB 20 CGCCATCGAATCGGATCTT 1
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RESULT 585
BD138205/c
LOCUS      BD138205      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138205
VERSION     BD138205.1 GI:232333150
KEYWORDS    JP 2002508944-A/131.
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE        Antisense modulation of human MDM2 expression

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/organism='unidentified'
/mol_type='genomic DNA'
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 GTGAATCTACAGGACGCCA 968
DB 20 GTGAATCTACAGGACGCCA 1
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RESULT 584
BD138204/c
LOCUS      BD138204      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138204
VERSION     BD138204.1 GI:232333149
KEYWORDS    JP 2002508944-A/130.
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 130 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
               PN JP 2002508944-A/130
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COMSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 CGCCATCGAATCGGATCTT 983
DB 20 CGCCATCGAATCGGATCTT 1
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RESULT 585
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LOCUS      BD138205      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138205
VERSION     BD138205.1 GI:232333150
KEYWORDS    JP 2002508944-A/131.
SOURCE      unidentified
ORGANISM    unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE        Antisense modulation of human MDM2 expression

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JOURNAL	Patent: JP 2002508944-A 131 26-MAR-2002;
COMMENT	ISIS PHARMACEUTICALS INC
	OS Unidentified
	PN JP 2002508944-A/131
	PD 26-MAR-2002
	PF 26-MAR-1999 JP 2000538025
	PR 26-MAR-1998 US 09/048810
	PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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LOCUS	BD138206 20 bp DNA linear PAT 18-SEP-2002
DEFINITION	Antisense modulation of human MDM2 expression.
ACCESSION	BD138206
VERSION	BD138206.1 GI:23233151
KEYWORDS	JP 2002508944-A/132.
SOURCE	unidentified
ORGANISM	unclassified.
REFERENCE	1 (bases 1 to 20)
AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.
TITLE	Antisense modulation of human MDM2 expression
JOURNAL	Patent: JP 2002508944-A 132 26-MAR-2002;
COMMENT	ISIS PHARMACEUTICALS INC
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	PD 26-MAR-2002
	PF 26-MAR-1999 JP 2000538025
	PR 26-MAR-1998 US 09/048810
	PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M
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	PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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DEFINITION Antisense modulation of human MDM2 expression.									
ACCESSION BD138207									
VERSION BD138207.1 GI:232333152									
KEYWORDS JP 2002508944-A/133.									
SOURCE unidentified									
ORGANISM unclassified									
REFERENCE									
1 (bases 1 to 20)									
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.									
TITLE Antisense modulation of human MDM2 expression									
JOURNAL Patent: JP 2002508944-A 133 26-MAR-2002;									
COMMENT									
ISIS PHARMACEUTICALS INC									
OS Unidentified									
PN JP 2002508944-A/133									
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M									
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LOCUS									
DEFINITION Antisense modulation of human MDM2 expression.									
ACCESSION BD138208									
VERSION BD138208.1 GI:232333153									
KEYWORDS JP 2002508944-A/134.									
SOURCE unidentified									
ORGANISM unclassified									
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1 (bases 1 to 20)									
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.									
TITLE Antisense modulation of human MDM2 expression									
JOURNAL Patent: JP 2002508944-A 134 26-MAR-2002;									
COMMENT									
ISIS PHARMACEUTICALS INC									
OS Unidentified									
PN JP 2002508944-A/134									
PD 26-MAR-2002									


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PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC C12N15/00
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DB 20 CAGGTGATCGTTGGATCAG 1

RESULT 589
BD138209/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

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PC C12Q1/68,
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RESULT 590
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LOCUS
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TITLE
JOURNAL
COMMENT

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PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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QY 1023 CAGGATTCAGTTTCAGATCA 1042
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RESULT 591
BD138211/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
PC C12Q1/68,
PC C12N15/00
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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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 LOCUS C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138212
 VERSION BD138212.1 GI:23233157
 KEYWORDS JP 2002508944-A/138.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 138 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC
 OS Unidentified
 PN JP 2002508944-A/138
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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RESULT 593

BD138213/c

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 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138213
 VERSION BD138213.1 GI:23233158
 KEYWORDS JP 2002508944-A/139.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 139 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC
 OS Unidentified
 PN JP 2002508944-A/139
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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RESULT 594

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 KEYWORDS JP 2002508944-A/140.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
 AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 140 26-MAR-2002;
 COMMENT ISIS PHARMACEUTICALS INC
 OS Unidentified
 PN JP 2002508944-A/140
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
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PI COWSEERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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Db 20 GACAAAGACTCTCAGATGAA 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138221
VERSION BD138221.1 GI:23233166
KEYWORDS JP 2002508944-A/147.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 147 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/147
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 AGATGATGAGGTATATCAAG 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138223
VERSION BD138223.1 GI:23233168
KEYWORDS JP 2002508944-A/149.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 149 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 CTCAGATGAAGATGATGAGG 1

RESULT 602
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138222
VERSION BD138222.1 GI:23233167
KEYWORDS JP 2002508944-A/148.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 148 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/148

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QY 1135 TATATCAAGTTACTGTGTAT 1154

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Db      20 TATATCAAGTTACTGTGTAT 1
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Antisense modulation of human MDM2 expression.
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ACCESSION
VERSION      1 GI:23233169
KEYWORDS     JP 2002508944-A/150.
SOURCE       unidentified
ORGANISM      unidentified
REFERENCE     1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 150 26-MAR-2002;
COMMENT      ISIS PHARMACEUTICALS INC
PN          JP 2002508944-A/150
PD          26-MAR-2002
PF          26-MAR-1999 JP 2000538025
PI          26-MAR-1998 US 09/048810
PI          LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC      C12N15/00
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CC      Topology: Linear;
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REFERENCE
1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 150 26-MAR-2002;
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PI          LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC      C12N15/09,A61K48/00,A61P17/06,A61P35/00,C07H21/04//
PC      C12Q1/68,
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QY      1149 GTGTATCAGCGAGGAGAG 1168
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RESULT 605
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DEFINITION      Antisense modulation of human MDM2 expression.
ACCESSION
VERSION      1 GI:23233170
KEYWORDS     JP 2002508944-A/151.
SOURCE       unidentified
ORGANISM      unidentified
REFERENCE     1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 151 26-MAR-2002;
COMMENT      ISIS PHARMACEUTICALS INC
PN          JP 2002508944-A/151
PD          26-MAR-2002
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PI          LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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CC      Topology: Linear;
CC      Antisense modulation of human MDM2 expression FH Key
CC      Location/Qualifiers
FT      source 1..20
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          Location/Qualifiers
          1..20
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          /db_xref='taxon:32644'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1149 GTGTATCAGCGAGGAGAG 1168
Db      20 GTGTATCAGCGAGGAGAG 1
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PI      COWSERT
PC      C12N15/09,A61K48/00,A61P17/06,A61P35/00,C07H21/04//
PC      C12Q1/68,
PC      C12N15/00
CC      Strandedness: Single;
CC      Topology: Linear;
CC      Antisense modulation of human MDM2 expression FH Key
CC      Location/Qualifiers
FT      source 1..20
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          Location/Qualifiers
          1..20
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          /mol_type='genomic DNA'
          /db_xref='taxon:32644'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1161 GGGGAGAGTGATACAGATTC 1180
Db      20 GGGGAGAGTGATACAGATTC 1
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RESULT 606
BD138226/c
LOCUS
DEFINITION      Antisense modulation of human MDM2 expression.
ACCESSION
VERSION      1 GI:23233171
KEYWORDS     JP 2002508944-A/152.
SOURCE       unidentified
ORGANISM      unidentified
REFERENCE     1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 152 26-MAR-2002;
COMMENT      ISIS PHARMACEUTICALS INC
PN          JP 2002508944-A/152
PD          26-MAR-2002
PF          26-MAR-1999 JP 2000538025
PI          26-MAR-1998 US 09/048810
PI          LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI      COWSERT
PC      C12N15/09,A61K48/00,A61P17/06,A61P35/00,C07H21/04//
PC      C12Q1/68,
PC      C12N15/00
CC      Strandedness: Single;
CC      Topology: Linear;
CC      Antisense modulation of human MDM2 expression FH Key
CC      Location/Qualifiers
FT      source 1..20
          /organism='Unidentified'.
          Location/Qualifiers
          1..20
          /organism='unidentified'
          /mol_type='genomic DNA'
          /db_xref='taxon:32644'

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1170 GATACAGATTCATTGGAAGA 1189
Db      20 GATACAGATTCATTGGAAGA 1
|||||

RESULT 607

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BD138227/c
LOCUS       BD138227          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION   Antisense modulation of human MDM2 expression.
ACCESSION    BD138227
VERSION      BD138227.1 GI:23233172
KEYWORDS     JP 2002508944-A/153.
SOURCE       unidentified
ORGANISM     unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 153 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
            PN JP 2002508944-A/153
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source          1..20
FT                  /organism='Unidentified'.

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAAGATCTCGAATTT 1203
Db 20 TGAAGAAGATCTCGAATTT 1

RESULT 608
BD138228/c
LOCUS       BD138228          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION   Antisense modulation of human MDM2 expression.
ACCESSION    BD138228
VERSION      BD138228.1 GI:23233173
KEYWORDS     JP 2002508944-A/154.
SOURCE       unidentified
ORGANISM     unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 154 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
            PN JP 2002508944-A/154
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source          1..20
FT                  /organism='Unidentified'.

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAAGATCTCGAATTT 1203
Db 20 TGAAGAAGATCTCGAATTT 1

RESULT 608
BD138228/c
LOCUS       BD138228          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION   Antisense modulation of human MDM2 expression.
ACCESSION    BD138228
VERSION      BD138228.1 GI:23233173
KEYWORDS     JP 2002508944-A/154.
SOURCE       unidentified
ORGANISM     unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 154 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
            PN JP 2002508944-A/154
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;

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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
FT source          1..20
FT                  /organism='Unidentified'.

FEATURES
source
1..20
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGAATTTTCCTAGCTGACT 1215
Db 20 TGAATTTTCCTAGCTGACT 1

RESULT 609
BD138229/c
LOCUS       BD138229          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION   Antisense modulation of human MDM2 expression.
ACCESSION    BD138229
VERSION      BD138229.1 GI:23233174
KEYWORDS     JP 2002508944-A/155.
SOURCE       unidentified
ORGANISM     unclassified.
REFERENCE    1 (bases 1 to 20)
AUTHORS      Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE        Antisense modulation of human MDM2 expression
JOURNAL      Patent: JP 2002508944-A 155 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT      OS Unidentified
            PN JP 2002508944-A/155
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source          1..20
FT                  /organism='Unidentified'.

FEATURES
source
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Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TAGCTGACTATTGGAATGC 1226
Db 20 TAGCTGACTATTGGAATGC 1

RESULT 610
BD138230/c
LOCUS       BD138230          20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION   Antisense modulation of human MDM2 expression.
ACCESSION    BD138230
VERSION      BD138230.1 GI:23233175

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KEYWORDS      JP 2002508944-A/156.
SOURCE         unidentified
ORGANISM       unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE          Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 156 26-MAR-2002,
               ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
               PN JP 2002508944-A/156
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

FEATURES      Location/Qualifiers
source        1..20
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Query Match   0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1220 GAAATGCACCTTCATGCAATG 1239
Db 20 GAAATGCACCTTCATGCAATG 1

RESULT 611
BD138231/c
LOCUS          20 bp DNA linear
DEFINITION    Antisense modulation of human MDM2 expression.
ACCESSION     BD138231
VERSION       BD138231.1 GI:23233176
KEYWORDS      JP 2002508944-A/157.
SOURCE        unidentified
ORGANISM       unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE          Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 157 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
               PN JP 2002508944-A/157
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

FEATURES      Location/Qualifiers
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Query Match   0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1220 GAAATGCACCTTCATGCAATG 1239
Db 20 GAAATGCACCTTCATGCAATG 1

RESULT 611
BD138231/c
LOCUS          20 bp DNA linear
DEFINITION    Antisense modulation of human MDM2 expression.
ACCESSION     BD138231
VERSION       BD138231.1 GI:23233176
KEYWORDS      JP 2002508944-A/157.
SOURCE        unidentified
ORGANISM       unidentified
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REFERENCE      1 (bases 1 to 20)
AUTHORS        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE          Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 157 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
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               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
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               PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

FEATURES      Location/Qualifiers
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Query Match   0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCATCACATTGCAACAGATG 1276
Db 20 CCATCACATTGCAACAGATG 1

RESULT 613
BD138233/c
LOCUS          20 bp DNA linear
DEFINITION    Antisense modulation of human MDM2 expression.
ACCESSION     BD138233
VERSION       BD138233.1 GI:23233178
KEYWORDS      JP 2002508944-A/159.
SOURCE        unidentified
ORGANISM       unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)

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FEATURES      Location/Qualifiers
source        1..20
               /organism='unidentified'
               /mol_type='genomic DNA'
               /db_xref='taxon:32644'

Query Match   0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1226 CACTTCATGCAATGAAATGA 1245
Db 20 CACTTCATGCAATGAAATGA 1

RESULT 612
BD138232/c
LOCUS          20 bp DNA linear
DEFINITION    Antisense modulation of human MDM2 expression.
ACCESSION     BD138232
VERSION       BD138232.1 GI:23233177
KEYWORDS      JP 2002508944-A/158.
SOURCE        unidentified
ORGANISM       unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)
AUTHORS        Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE          Antisense modulation of human MDM2 expression
JOURNAL        Patent: JP 2002508944-A 158 26-MAR-2002;
               ISIS PHARMACEUTICALS INC
COMMENT        OS Unidentified
               PN JP 2002508944-A/158
               PD 26-MAR-2002
               PF 26-MAR-1999 JP 2000538025
               PR 26-MAR-1998 US 09/048810
               PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

FEATURES      Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1257 CCATCACATTGCAACAGATG 1276
Db 20 CCATCACATTGCAACAGATG 1

RESULT 613
BD138233/c
LOCUS          20 bp DNA linear
DEFINITION    Antisense modulation of human MDM2 expression.
ACCESSION     BD138233
VERSION       BD138233.1 GI:23233178
KEYWORDS      JP 2002508944-A/159.
SOURCE        unidentified
ORGANISM       unidentified
               unclassified.
REFERENCE      1 (bases 1 to 20)

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AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 159 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified
 PN JP 2002508944-A/159
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONWERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
 PC C12Q1/68,
 PC C12N15/00
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
 CC Location/Qualifiers
 FT source 1..20
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 source 1..20
 /organism='unidentified'
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Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1268 CAACAGATGTGGCCCTTC 1287
 Db 20 CAACAGATGTGGCCCTTC 1
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RESULT 614
 BD138234/c
 LOCUS
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138234
 VERSION BD138234.1 GI:23233179
 KEYWORDS JP 2002508944-A/160.
 SOURCE unidentified
 ORGANISM unclassified
 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 160 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified
 PN JP 2002508944-A/160
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONWERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
 PC C12Q1/68,
 PC C12N15/00
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 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
 CC Location/Qualifiers
 FT source 1..20
 FT Location/Qualifiers
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 source 1..20
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 /mol_type='genomic DNA'
 /db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1268 CAACAGATGTGGCCCTTC 1287
 Db 20 CAACAGATGTGGCCCTTC 1
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RESULT 614
 BD138234/c
 LOCUS
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138234
 VERSION BD138234.1 GI:23233179
 KEYWORDS JP 2002508944-A/160.
 SOURCE unidentified
 ORGANISM unclassified
 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 160 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified
 PN JP 2002508944-A/160
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONWERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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 PC C12N15/00
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
 CC Location/Qualifiers
 FT source 1..20
 FT Location/Qualifiers
 FT /organism='Unidentified'.
 source 1..20
 /organism='unidentified'
 /mol_type='genomic DNA'
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Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 CCTTCGTGAGAAATGGCTTC 1302
 Db 20 CCTTCGTGAGAAATGGCTTC 1
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RESULT 616
 BD138236/c
 LOCUS
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138236
 VERSION BD138236.1 GI:23233181
 KEYWORDS JP 2002508944-A/162.
 SOURCE unidentified
 ORGANISM unclassified
 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 162 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1275 TGTGGCCCTTCGTGAGAA 1294
 Db 20 TGTGGCCCTTCGTGAGAA 1
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RESULT 615
 BD138235/c
 LOCUS
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138235
 VERSION BD138235.1 GI:23233180
 KEYWORDS JP 2002508944-A/161.
 SOURCE unidentified
 ORGANISM unclassified
 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 161 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified
 PN JP 2002508944-A/161
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONWERT
 PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
 PC C12Q1/68,
 PC C12N15/00
 CC Strandedness: Single;
 CC Topology: Linear;
 CC Antisense modulation of human MDM2 expression FH Key
 CC Location/Qualifiers
 FT source 1..20
 FT Location/Qualifiers
 FT /organism='Unidentified'.
 source 1..20
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 /db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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QY 1283 CCTTCGTGAGAAATGGCTTC 1302
 Db 20 CCTTCGTGAGAAATGGCTTC 1
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RESULT 616
 BD138236/c
 LOCUS
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138236
 VERSION BD138236.1 GI:23233181
 KEYWORDS JP 2002508944-A/162.
 SOURCE unidentified
 ORGANISM unclassified
 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 162 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified


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PI      COWSERT
PC      C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC      C12Q1/68,
PC      C12N15/00
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CC      Topology: Linear;
CC      Antisense modulation of human MDM2 expression FH Key
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Db      20 AGGGAAATCTCTGAGAAAG 1

RESULT 620
BD138240/c
LOCUS      BD138240      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138240
VERSION     BD138240.1 GI:23233185
KEYWORDS   JP 2002508944-A/166.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 166 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
          PN JP 2002508944-A/166
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

Qy      1346 CAACTGGAAACTCAACAC 1365
Db      20 CAACTGGAAACTCAACAC 1

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 622
BD138242/c
LOCUS      BD138242      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138242
VERSION     BD138242.1 GI:23233187
KEYWORDS   JP 2002508944-A/168.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 168 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
          PN JP 2002508944-A/168
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

Qy      1333 TCTCTGAGAGCCAACTG 1352
Db      20 TCTCTGAGAGCCAACTG 1

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RESULT 621
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138241
VERSION     BD138241.1 GI:23233186
KEYWORDS   JP 2002508944-A/167.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 167 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
          PN JP 2002508944-A/167
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

Qy      1346 CAACTGGAAACTCAACAC 1365
Db      20 CAACTGGAAACTCAACAC 1

Query Match      0.8%; Score 20; DB 1; Length 20;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

RESULT 622
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LOCUS      BD138242      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138242
VERSION     BD138242.1 GI:23233187
KEYWORDS   JP 2002508944-A/168.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 168 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
          PN JP 2002508944-A/168
          PD 26-MAR-2002
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          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

Qy      1333 TCTCTGAGAGCCAACTG 1352
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REFERENCE	1 (bases 1 to 20)	REFERENCE	1 (bases 1 to 20)
Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.		Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.	
Antisense modulation of human MDM2 expression		Antisense modulation of human MDM2 expression	
Patent: JP 2002508944-A 173 26-MAR-2002;		Patent: JP 2002508944-A 174 26-MAR-2002;	
ISIS PHARMACEUTICALS INC		ISIS PHARMACEUTICALS INC	
OS Unidentified		OS Unidentified	
PN JP 2002508944-A/173		PN JP 2002508944-A/174	
PD 26-MAR-2002		PD 26-MAR-2002	
PF 26-MAR-1999 JP 2000538025		PF 26-MAR-1999 JP 2000538025	
PR 26-MAR-1998 US 09/048810		PR 26-MAR-1998 US 09/048810	
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M		PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M	
PI COWSERT		PI COWSERT	
PC C12N15/09, A61K48/00, A61P17/10, A61P35/00, C07H21/04		PC C12N15/09, A61K48/00, A61P17/10, A61P35/00, C07H21/04	
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
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DB 20 GTTGAGGAAATGATGATAA 1		DB 20 GTTGAGGAAATGATGATAA 1	
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BD138248/c		BD138248/c	
LOCUS		LOCUS	
DEFINITION		DEFINITION	
ACCSSION		ACCSSION	
VERSION		VERSION	
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
QY 1421 CAGAGATCATGTTGAGG 1440		QY 1421 CAGAGATCATGTTGAGG 1440	
DB 20 CAGAGATCATGTTGAGG 1		DB 20 CAGAGATCATGTTGAGG 1	
RESULT 627		RESULT 627	
BD138247/c		BD138247/c	
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DEFINITION		DEFINITION	
ACCSSION		ACCSSION	
VERSION		VERSION	
KEYWORDS		KEYWORDS	
SOURCE		SOURCE	
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ACCSSION		ACCSSION	
VERSION		VERSION	
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 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 GGAAATGATGATAAAATTA 1

RESULT 629

BD138249/c
 LOCUS BD138249 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138249
 VERSION BD138249.1 GI:23233194
 KEYWORDS JP 2002508944-A/175.
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 175 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/175

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68.

PC C12N15/00

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CC Antisense modulation of human MDM2 expression FH Key

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 GATAAAATTACACAGCTTC 1

RESULT 630

BD138250/c
 LOCUS BD138250 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BD138250
 VERSION BD138250.1 GI:23233195
 KEYWORDS JP 2002508944-A/176.
 SOURCE unidentified
 ORGANISM unidentified
 unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 176 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/176

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

COMMENT

OS Unidentified

PN JP 2002508944-A/176

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68.

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CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 TTACACAAGCTTCACAATCA 1

RESULT 631

BD138251/c

LOCUS BD138251 20 bp DNA linear PAT 18-SEP-2002

DEFINITION Antisense modulation of human MDM2 expression.

ACCESSION BD138251

VERSION BD138251.1 GI:23233196

KEYWORDS JP 2002508944-A/177.

SOURCE unidentified

ORGANISM unidentified

REFERENCE 1 (bases 1 to 20)

AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.

TITLE Antisense modulation of human MDM2 expression

JOURNAL Patent: JP 2002508944-A 177 26-MAR-2002;

COMMENT ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/177

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68.

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

Location/Qualifiers

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FEATURES

source

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Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1466  TTCACATCAAGAAAGTG 1485
Db      20    TTCACATCAAGAAAGTG 1

RESULT 632
BD138252/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138252
VERSION     BD138252.1 GI:23233197
KEYWORDS   JP 2002508944-A/178.
SOURCE     unidentified
ORGANISM   unidentified
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REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 178 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
            PN JP 2002508944-A/178
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI      CONSERT
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PC      C12Q1/68,
PC      C12N15/00
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CC      Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1481  AAGTGAAGACTATTCTCAGC 1500
Db      20    AAGTGAAGACTATTCTCAGC 1

RESULT 633
BD138253/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138253
VERSION     BD138253.1 GI:23233198
KEYWORDS   JP 2002508944-A/179.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 179 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
            PN JP 2002508944-A/179
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810

PI      CONSERT
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CC      Topology: Linear;
CC      Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1489  ACTATTCTCAGCCATCAACT 1508
Db      20    ACTATTCTCAGCCATCAACT 1

RESULT 634
BD138254/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138254
VERSION     BD138254.1 GI:23233199
KEYWORDS   JP 2002508944-A/180.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 180 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT   OS Unidentified
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            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI      CONSERT
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PC      C12Q1/68,
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Db      20    GCCATCAACTTCTAGTAGCA 1

RESULT 635
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138255
VERSION     BD138255.1 GI:23233200
KEYWORDS   JP 2002508944-A/181.
SOURCE     unidentified
ORGANISM   unidentified
            unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 181 26-MAR-2002;
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1 (bases 1 to 20)
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 187 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/187
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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QY 1560 GAAGAAACCAAGACAAAGA 1579
DB 20 GAAGAAACCAAGACAAAGA 1

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LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138262
VERSION BD138262.1 GI:23233207
KEYWORDS JP 2002508944-A/188.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 188 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/188
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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DB 20 GAAGAAACCAAGACAAAGA 1

RESULT 642
BD138262/c
LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138262
VERSION BD138262.1 GI:23233207
KEYWORDS JP 2002508944-A/188.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 188 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/188
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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Antisense modulation of human MDM2 expression
Patent: JP 2002508944-A 187 26-MAR-2002;
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PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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PC C12N15/00
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CC Topology: Linear;
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DB 20 ACCAAGACAAAGAGAG 1

RESULT 643
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LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138263
VERSION BD138263.1 GI:23233208
KEYWORDS JP 2002508944-A/189.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 189 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/189
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138264
VERSION BD138264.1 GI:23233209
KEYWORDS JP 2002508944-A/190.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 190 26-MAR-2002;

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COMMENT
ISIS PHARMACEUTICALS INC
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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 CTTAATGCCATTGAACCTTG 1

RESULT 645
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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138265
VERSION BD138265.1 GI:23233210
KEYWORDS JP 2002508944-A/191.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 191 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
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ACCESSION BD138265
VERSION BD138265.1 GI:23233210
KEYWORDS JP 2002508944-A/191.
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ORGANISM unclassified.
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JOURNAL Patent: JP 2002508944-A 191 26-MAR-2002;
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PC C12N15/68,
PC C12N15/00
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CC Topology: Linear;
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138267
VERSION BD138267.1 GI:23233212
KEYWORDS JP 2002508944-A/193.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 193 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PR 26-MAR-1998 US 09/048810
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 PC C12N15/00
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RESULT 648

BD138268/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138268
 Antisense modulation of human MDM2 expression.
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 Patent: JP 2002508944-A 194 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 OS Unidentified
 PN JP 2002508944-A/194
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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Db 20 GCATTGTCCATGGCAAAACA 1

RESULT 649

BD138269/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138269
 Antisense modulation of human MDM2 expression.
 BD138269
 BD138269.1 GI:23233214
 JP 2002508944-A/195.
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 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
 Antisense modulation of human MDM2 expression
 Patent: JP 2002508944-A 195 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
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 PN JP 2002508944-A/195
 PD 26-MAR-2002
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 PR 26-MAR-1998 US 09/048810
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Db 20 TGGCAAAACAGGACATCTTA 1

RESULT 650

BD138270/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138270
 Antisense modulation of human MDM2 expression.
 BD138270
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 JP 2002508944-A/196.
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 1 (bases 1 to 20)
 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.
 Antisense modulation of human MDM2 expression
 Patent: JP 2002508944-A 196 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
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 PN JP 2002508944-A/196
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
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 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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RESULT 651
BD138271/c
LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138271
VERSION
BD138271.1 GI:23233216
KEYWORDS
JP 2002508944-A/197.
SOURCE
unidentified
ORGANISM
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REFERENCE
1 (bases 1 to 20)
AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE
Antisense modulation of human MDM2 expression
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Patent: JP 2002508944-A 197 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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Qy 1684 TTATGGCTGCTTTACATGT 1703
Db 20 TTATGGCTGCTTTACATGT 1
RESULT 652
BD138272/c
LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138272
VERSION
BD138272.1 GI:23233217
KEYWORDS
JP 2002508944-A/198.
SOURCE
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REFERENCE
1 (bases 1 to 20)
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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Antisense modulation of human MDM2 expression
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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RESULT 653
BD138273/c
LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138273
VERSION
BD138273.1 GI:23233218
KEYWORDS
JP 2002508944-A/199.
SOURCE
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ORGANISM
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REFERENCE
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Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
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Antisense modulation of human MDM2 expression
JOURNAL
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DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
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JP 2002508944-A/198.
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Antisense modulation of human MDM2 expression
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 20 CCTGCTTTACATGTGCAAG 1
RESULT 653
BD138273/c
LOCUS
DEFINITION
Antisense modulation of human MDM2 expression.
ACCESSION
BD138273
VERSION
BD138273.1 GI:23233218
KEYWORDS
JP 2002508944-A/199.
SOURCE
unidentified
ORGANISM
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS
Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE
Antisense modulation of human MDM2 expression
JOURNAL
Patent: JP 2002508944-A 199 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/199
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
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Qy 1690 CCTGCTTTACATGTGCAAG 1709
Db 20 CCTGCTTTACATGTGCAAG 1

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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAATGATTGTGCTAACTT 1776
DB 20 TCAATGATTGTGCTAACTT 1

RESULT 660
BD138280/c
LOCUS BD138280 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138280
VERSION BD138280.1 GI:23233225
KEYWORDS JP 2002508944-A/206.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 206 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/206
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSEERT
PI C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
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FT /organism='Unidentified'.

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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1798 TATAAGAGAAATATATATTT 1817
DB 20 TATAAGAGAAATATATATTT 1

RESULT 662
BD138282/c
LOCUS BD138282 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138282
VERSION BD138282.1 GI:23233227
KEYWORDS JP 2002508944-A/208.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 208 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/208
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSEERT
PI C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1787 GTTGACCTGTCTATAGAGA 1806
DB 20 GTTGACCTGTCTATAGAGA 1

RESULT 661
BD138281/c
LOCUS BD138281 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138281
VERSION BD138281.1 GI:23233226
KEYWORDS JP 2002508944-A/207.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 207 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/207
PD 26-MAR-2002
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PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSEERT
PI C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1798 TATAAGAGAAATATATATTT 1817
DB 20 TATAAGAGAAATATATATTT 1

RESULT 662
BD138282/c
LOCUS BD138282 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138282
VERSION BD138282.1 GI:23233227
KEYWORDS JP 2002508944-A/208.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 208 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/208
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSEERT
PI C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1804 AGAATTATATATTTCTAACT 1823
DB 20 AGAATTATATATTTCTAACT 1823
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LOCUS BD138286 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138286
VERSION BD138286.1 GI:32323231
KEYWORDS JP 2002508944-A/212.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 212 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/212
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
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CC Antisense modulation of human MDM2 expression FH Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTTAGACACCTG 1851
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Db 20 CTAGGAATTTAGACACCTG 1

RESULT 667
BD138287/c
LOCUS BD138287
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138287
VERSION BD138287.1 GI:32323232
KEYWORDS JP 2002508944-A/213.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 213 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/213
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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PC C12N15/00
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Db 20 CTAGGAATTTAGACACCTG 1

RESULT 667
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LOCUS BD138287
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138287
VERSION BD138287.1 GI:32323232
KEYWORDS JP 2002508944-A/213.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 213 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/213
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSEERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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CC Strandedness: Single;
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CC Antisense modulation of human MDM2 expression FH Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1840 TTAGACAACTGAAATTTAT 1859
|||||
Db 20 TTAGACAACTGAAATTTAT 1

RESULT 668
BD138288/c
LOCUS BD138288
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138288
VERSION BD138288.1 GI:23233233
KEYWORDS JP 2002508944-A/214.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 214 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT OS Unidentified
PN JP 2002508944-A/214
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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PC C12N15/00
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1850 TGAATTTATTCATATAT 1869
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Db 20 TGAATTTATTCATATAT 1

RESULT 669
BD138289/c
LOCUS BD138289
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138289
VERSION BD138289.1 GI:23233234
KEYWORDS JP 2002508944-A/215.

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SOURCE      unidentified
ORGANISM    unclassified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 215 26-MAR-2002;
COMMENT     ISIS PHARMACEUTICALS INC
OS          Unidentified
PN          JP 2002508944-A/215
PD          26-MAR-2002
PF          26-MAR-1999 JP 2000538025
PR          26-MAR-1998 US 09/048810
PI          LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
PC          C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC          C12Q1/68,
PC          C12N15/00
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CC          Topology: Linear;
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1855 TTTATTACATATATCAAG 1874
DB          20 TTTATTACATATATCAAG 1

RESULT 670
BD138290/c
LOCUS      Antisense modulation of human MDM2 expression.
DEFINITION
ACCESSION BD138290
VERSION   BD138290.1 GI:23233235
KEYWORDS  JP 2002508944-A/216.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 216 26-MAR-2002;
COMMENT   ISIS PHARMACEUTICALS INC
OS        Unidentified
PN        JP 2002508944-A/216
PD        26-MAR-2002
PF        26-MAR-1999 JP 2000538025
PR        26-MAR-1998 US 09/048810
PI        LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
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PC          C12Q1/68,
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CC          Strandedness: Single;
CC          Topology: Linear;
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1874 TTTATTGAGAAATGCGCTCAAT 1891
DB          20 TTTATTGAGAAATGCGCTCAAT 1

RESULT 672
BD138292/c
LOCUS      Antisense modulation of human MDM2 expression.
DEFINITION
ACCESSION BD138292
VERSION   BD138292.1 GI:23233237
KEYWORDS  JP 2002508944-A/218.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1865 TATATCAAAAGTGAGAAATG 1884
DB          20 TATATCAAAAGTGAGAAATG 1

RESULT 671
BD138291/c
LOCUS      Antisense modulation of human MDM2 expression.
DEFINITION
ACCESSION BD138291
VERSION   BD138291.1 GI:23233236
KEYWORDS  JP 2002508944-A/217.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 217 26-MAR-2002;
COMMENT   ISIS PHARMACEUTICALS INC
OS        Unidentified
PN        JP 2002508944-A/217
PD        26-MAR-2002
PF        26-MAR-1999 JP 2000538025
PR        26-MAR-1998 US 09/048810
PI        LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI          CONSERT
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PC          C12Q1/68,
PC          C12N15/00
CC          Strandedness: Single;
CC          Topology: Linear;
CC          Antisense modulation of human MDM2 expression FH Key
CC          Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY          1872 AAGTGAGAAATGCGCTCAAT 1891
DB          20 AAGTGAGAAATGCGCTCAAT 1

RESULT 672
BD138292/c
LOCUS      Antisense modulation of human MDM2 expression.
DEFINITION
ACCESSION BD138292
VERSION   BD138292.1 GI:23233237
KEYWORDS  JP 2002508944-A/218.
SOURCE    unidentified
ORGANISM  unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.

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TITLE      Antisense modulation of human MDM2 expression
JOURNAL    Patent: JP 2002508944-A 218 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
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            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04///
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1883 TGCCTCAATTCACATAGATT 1902
DB 20 TGCCTCAATTCACATAGATT 1

RESULT 673
BD138293/c
LOCUS      BD138293
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138293
VERSION    BD138293.1 GI:23233238
KEYWORDS   JP 2002508944-A/219.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 219 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/219
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04///
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1883 TGCCTCAATTCACATAGATT 1902
DB 20 TGCCTCAATTCACATAGATT 1

RESULT 673
BD138293/c
LOCUS      BD138293
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138293
VERSION    BD138293.1 GI:23233238
KEYWORDS   JP 2002508944-A/219.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 219 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/219
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04///
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1889 AGATTTCTTCTCTTAGTAT 1917
DB 20 AGATTTCTTCTCTTAGTAT 1

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LOCUS      BD138295
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138295
VERSION    BD138295.1 GI:23233240
KEYWORDS   JP 2002508944-A/221.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 221 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/221

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Query Match      0.8%; Score 20; DB 1; Length 20;
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QY 1889 AATTCACATAGATTCTTCT 1908
DB 20 AATTCACATAGATTCTTCT 1

RESULT 674
BD138294/c
LOCUS      BD138294
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138294
VERSION    BD138294.1 GI:23233239
KEYWORDS   JP 2002508944-A/220.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 220 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
            PN JP 2002508944-A/220
            PD 26-MAR-2002
            PF 26-MAR-1999 JP 2000538025
            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI COWSERT
PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04///
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1898 AGATTTCTTCTCTTAGTAT 1917
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RESULT 675
BD138295/c
LOCUS      BD138295
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138295
VERSION    BD138295.1 GI:23233240
KEYWORDS   JP 2002508944-A/221.
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS   Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE     Antisense modulation of human MDM2 expression
JOURNAL   Patent: JP 2002508944-A 221 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT    OS Unidentified
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PD 26-MAR-2002
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 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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QY 1905 TTCTTTAGTATAATTGAC 1924
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 Db 20 TTCTTTAGTATAATTGAC 1

RESULT 676

BD138296/c
 LOCUS
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 VERSION
 KEYWORDS
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 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.
 Antisense modulation of human MDM2 expression
 Patent: JP 2002508944-A 222 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
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 PD 26-MAR-2002
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 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

PI CONSENT
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QY 1908 TTCTTTAGTATAATTGACCTA 1927

Db 20 TCTTTAGTATAATTGACCTA 1

RESULT 677

BD138297/c
 LOCUS
 DEFINITION
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 Antisense modulation of human MDM2 expression.
 BD138297
 BD138297.1 GI:232333242
 JP 2002508944-A/223.
 unclassified
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 1 (bases 1 to 20)
 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.
 Antisense modulation of human MDM2 expression
 Patent: JP 2002508944-A 223 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 OS Unidentified
 PN JP 2002508944-A/223
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

COMMENT

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QY 1913 AGTATAATTGACCTACTTTG 1932
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RESULT 678

BD138298/c
 LOCUS
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 Antisense modulation of human MDM2 expression.
 BD138298
 BD138298.1 GI:232333243
 JP 2002508944-A/224.
 unclassified
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 unclassified
 1 (bases 1 to 20)
 Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowse, L.M.
 Antisense modulation of human MDM2 expression
 Patent: JP 2002508944-A 224 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 OS Unidentified
 PN JP 2002508944-A/224
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

COMMENT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//
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QY 1908 TTCTTTAGTATAATTGACCTA 1927

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PI COWSBERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
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QY 1920 TTGACCTACTTTGTAGTGG 1939
DB 20 TTGACCTACTTTGTAGTGG 1
RESULT 679
BD138299/c
LOCUS BD138299
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138299
VERSION BD138299.1 GI:23233244
KEYWORDS JP 2002508944-A/225.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 225 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/225
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSBERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
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QY 1933 GTAGTGGAAATAGTGAATACT 1952
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BD138300/c
LOCUS BD138300
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138300
VERSION BD138300.1 GI:23233245
KEYWORDS JP 2002508944-A/226.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 226 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/226
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSBERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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PC C12N15/00
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QY 1940 AATAGTGAATAGTACTACTATA 1959
DB 20 AATAGTGAATAGTACTACTATA 1
RESULT 681
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LOCUS BD138301
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138301
VERSION BD138301.1 GI:23233246
KEYWORDS JP 2002508944-A/227.
SOURCE unidentified
ORGANISM unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 227 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/227
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSBERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
PC C12Q1/68,
PC C12N15/00
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QY 1948 ATACTTACTATAATTGACT 1967
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Db 20 ATACTTACTATAATTGACT 1
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RESULT 682
BD138302/c
LOCUS
DEFINITION
ACCESSION BD138302
VERSION
KEYWORDS JP 2002508944-A/228.
SOURCE
ORGANISM
unidentified
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 228 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
FN JP 2002508944-A/228
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

BD138302 20 bp DNA linear PAT 18-SEP-2002
Antisense modulation of human MDM2 expression.
BD138302
VERSION BD138302.1 GI:23233247
KEYWORDS JP 2002508944-A/228.
SOURCE
ORGANISM
unidentified
unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 228 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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FN JP 2002508944-A/228
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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RESULT 684
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ACCESSION BD138304
VERSION
KEYWORDS JP 2002508944-A/230.
SOURCE
ORGANISM
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REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 230 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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FN JP 2002508944-A/230
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Db 20 TATAATTGACTTGAATATG 1
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ACCESSION BD138303
VERSION
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SOURCE
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REFERENCE
1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 230 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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FN JP 2002508944-A/230
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
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JOURNAL Patent: JP 2002508944-A 229 26-MAR-2002;
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RESULT 684
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VERSION
KEYWORDS JP 2002508944-A/230.
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TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 230 26-MAR-2002;
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 KEYWORDS JP 2002508944-A/234.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 234 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified
 PN JP 2002508944-A/234
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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QY 2004 TTTAATAATTTTCTACTCTG 2023
 DB 20 TTTAATAATTTTCTACTCTG 1

RESULT 689
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 LOCUS BDI138309 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BDI138309
 VERSION BDI138309.1 GI:23233254
 KEYWORDS JP 2002508944-A/235.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 235 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified

PN JP 2002508944-A/235
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
 PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P MONIA, LEX M

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 PC C12N15/00
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 CC Topology: Linear;
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Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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QY 2015 TCTACTCTGCTTAAATGAG 2034
 DB 20 TCTACTCTGCTTAAATGAG 1

RESULT 690
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 LOCUS BDI138310 20 bp DNA linear PAT 18-SEP-2002
 DEFINITION Antisense modulation of human MDM2 expression.
 ACCESSION BDI138310
 VERSION BDI138310.1 GI:23233255
 KEYWORDS JP 2002508944-A/236.
 SOURCE unidentified
 ORGANISM unclassified.

REFERENCE 1 (bases 1 to 20)
 Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
 TITLE Antisense modulation of human MDM2 expression
 JOURNAL Patent: JP 2002508944-A 236 26-MAR-2002;
 ISIS PHARMACEUTICALS INC
 COMMENT OS Unidentified
 PN JP 2002508944-A/236
 PD 26-MAR-2002
 PF 26-MAR-1999 JP 2000538025
 PR 26-MAR-1998 US 09/048810
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Db 20 TCTGCTTAATGAGAAGTA 1

RESULT 691
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LOCUS BD138311 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138311
VERSION BD138311.1 GI:23233256
KEYWORDS JP 2002508944-A/237.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 237 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/237
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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Db 20 TTTTCTTAATGATATG 1

RESULT 692
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LOCUS BD138312 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138312
VERSION BD138312.1 GI:23233257
KEYWORDS JP 2002508944-A/238.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 238 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/238
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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CC Topology: Linear;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 TTTTCTTAATGATATG 1

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BD138313/c
LOCUS BD138313 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138313
VERSION BD138313.1 GI:23233258
KEYWORDS JP 2002508944-A/239.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 239 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/239
PD 26-MAR-2002 JP 2000538025
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSETT
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PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 20 AATATGATATGACATTAA 1

RESULT 693
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LOCUS BD138313 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138313
VERSION BD138313.1 GI:23233258
KEYWORDS JP 2002508944-A/239.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 239 26-MAR-2002;
ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002 JP 2000538025
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PR 26-MAR-1998 US 09/048810
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CC Antisense modulation of human MDM2 expression FH Key
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138314
VERSION     BD138314.1 GI:23233259
KEYWORDS   JP 2002508944-A/240.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 240 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Unidentified
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            PD 26-MAR-2002
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            PR 26-MAR-1998 US 09/048810
            PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Db  20 ACCGAGTCTGCTCTGTAC 1

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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138315
VERSION     BD138315.1 GI:23233260
KEYWORDS   JP 2002508944-A/241.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 241 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Unidentified
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            PD 26-MAR-2002
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Db  20 ACCGAGTCTGCTCTGTAC 1

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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138316
VERSION     BD138316.1 GI:23233261
KEYWORDS   JP 2002508944-A/242.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 242 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
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CC  Topology: Linear;
CC  Antisense modulation of human MDM2 expression FH Key
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
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Db  20 TTGCTCTGTATCCAGGCTG 1

RESULT 697
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138317
VERSION     BD138317.1 GI:23233262
KEYWORDS   JP 2002508944-A/243.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 243 26-MAR-2002;
            ISIS PHARMACEUTICALS INC
COMMENT     OS Unidentified
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Db  20 CTGTTACCCAGGCTGGAGTG 1

RESULT 698
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138318
VERSION     BD138318.1 GI:23233263
KEYWORDS   JP 2002508944-A/244.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 244 26-MAR-2002;
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COMMENT     OS Unidentified
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            PD 26-MAR-2002
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Query Match      0.8%; Score 20; DB 1; Length 20;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db  20 TTGCTCTGTATCCAGGCTG 1

RESULT 696
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LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138316
VERSION     BD138316.1 GI:23233261
KEYWORDS   JP 2002508944-A/242.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 242 26-MAR-2002;
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2116 CTGTTACCCAGGCTGGAGTG 2135
Db  20 CTGTTACCCAGGCTGGAGTG 1

RESULT 697
BD138317/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138317
VERSION     BD138317.1 GI:23233262
KEYWORDS   JP 2002508944-A/243.
SOURCE      unidentified
ORGANISM    unidentified
REFERENCE   1 (bases 1 to 20)
AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
JOURNAL     Patent: JP 2002508944-A 243 26-MAR-2002;
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QY  2116 CTGTTACCCAGGCTGGAGTG 2135
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RESULT 698
BD138318/c
LOCUS      20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION  BD138318
VERSION     BD138318.1 GI:23233263
KEYWORDS   JP 2002508944-A/244.
SOURCE      unidentified
ORGANISM    unidentified
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AUTHORS     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE       Antisense modulation of human MDM2 expression
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CC  Antisense modulation of human MDM2 expression FH Key
CC  Location/Qualifiers
FT  source      1..20
FT  /organism="Unidentified".

FEATURES
source
1..20
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/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  2119 TTTGCTCTGTATCCAGGCTG 2138
Db  20 TTTGCTCTGTATCCAGGCTG 1

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FT	Location/Qualifiers	/organism='Unidentified'.
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	/db_xref="taxon:32644"	
Query Match	0.8%; Score 20; DB 1; Length 20;	
Best Local Similarity	100.0%; Pred. No. 7.9e+02;	
Matches	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	2133 GTGCAGTGGTGATCTGGC 2152	
Db	20 GTGCAGTGGTGATCTGGC 1	
RESULT 699	BD138319	20 bp DNA linear PAT 18-SEP-2002
LOCUS	BD138319	Antisense modulation of human MDM2 expression.
DEFINITION	BD138319	Antisense modulation of human MDM2 expression
ACCESSION	BD138319	Antisense modulation of human MDM2 expression
VERSION	BD138319.1	GI:23233264
KEYWORDS	JP 2002508944-A/245.	
SOURCE	unidentified	
ORGANISM	unclassified.	
REFERENCE	1 (bases 1 to 20)	
AUTHORS	Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.	
TITLE	Antisense modulation of human MDM2 expression	
JOURNAL	Patent: JP 2002508944-A 245 26-MAR-2002;	
COMMENT	ISIS PHARMACEUTICALS INC	
	OS Unidentified	
	PN JP 2002508944-A/245	
	PD 26-MAR-2002	
	PF 26-MAR-1999 JP 2000538025	
	PR 26-MAR-1998 US 09/048810	
	PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M	
PI	COWSERT	
PC	C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//	
PC	C12Q1/68,	
PC	C12N15/00	
CC	Strandedness: Single;	
CC	Topology: Linear;	
CC	Antisense modulation of human MDM2 expression FH Key	
FT	Location/Qualifiers	
FT	source 1..20	
	/organism='Unidentified'.	
FEATURES	Location/Qualifiers	
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	/organism="unidentified"	
	/mol_type="genomic DNA"	
	/db_xref="taxon:32644"	
Query Match	0.8%; Score 20; DB 1; Length 20;	
Best Local Similarity	100.0%; Pred. No. 7.9e+02;	
Matches	20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Qy	2140 GGGTGATCTGGCTCACTGC 2159	
Db	20 GGGTGATCTGGCTCACTGC 1	
RESULT 700	BD138320	20 bp DNA linear PAT 18-SEP-2002
LOCUS	BD138320	Antisense modulation of human MDM2 expression.
DEFINITION	BD138320	Antisense modulation of human MDM2 expression
ACCESSION	BD138320	Antisense modulation of human MDM2 expression
VERSION	BD138320.1	GI:23233265
KEYWORDS	JP 2002508944-A/246.	
SOURCE	unidentified	
ORGANISM	unclassified.	

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REFERENCE
AUTHORS   1. (bases 1 to 20)
TITLE     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL   Antisense modulation of human MDM2 expression
COMMENT   Patent: JP 2002508944-A 246 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
          OS Unidentified
          PN JP 2002508944-A/246
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

RESULT 701
BD138321/c
LOCUS     C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
DEFINITION
ACCESSION BD138321
VERSION   C12N15/00
Strandedness: Single;
CC        Topology: Linear;
CC        Antisense modulation of human MDM2 expression FH Key
CC        Location/Qualifiers
FT        source 1..20
FT        Location/Qualifiers
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source
1..20
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/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTC 2165
      |||||
      20 TCTTGGCTCACTGCAAGCTC 1

REFERENCE
AUTHORS   1. (bases 1 to 20)
TITLE     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL   Antisense modulation of human MDM2 expression
COMMENT   Patent: JP 2002508944-A 247 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
          OS Unidentified
          PN JP 2002508944-A/247
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

RESULT 702
BD138322/c
LOCUS     C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
DEFINITION
ACCESSION BD138322
VERSION   C12N15/00
Strandedness: Single;
CC        Topology: Linear;
CC        Antisense modulation of human MDM2 expression FH Key
CC        Location/Qualifiers
FT        source 1..20
FT        Location/Qualifiers
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FEATURES
source
1..20
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCTC 2165
      |||||
      20 TCTTGGCTCACTGCAAGCTC 1

REFERENCE
AUTHORS   1. (bases 1 to 20)
TITLE     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL   Antisense modulation of human MDM2 expression
COMMENT   Patent: JP 2002508944-A 247 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
          OS Unidentified
          PN JP 2002508944-A/247
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

RESULT 703
BD138323/c
LOCUS     C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
DEFINITION
ACCESSION BD138323
VERSION   C12N15/00
Strandedness: Single;
CC        Topology: Linear;
CC        Antisense modulation of human MDM2 expression FH Key
CC        Location/Qualifiers
FT        source 1..20
FT        Location/Qualifiers
          /organism='Unidentified'.
FEATURES
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1..20
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/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2176 GGGTTCGCACCATTCCTCG 2195
      |||||
      20 GGGTTCGCACCATTCCTCG 1

REFERENCE
AUTHORS   1. (bases 1 to 20)
TITLE     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL   Antisense modulation of human MDM2 expression
COMMENT   Patent: JP 2002508944-A 249 26-MAR-2002;
          ISIS PHARMACEUTICALS INC

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/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2153 TCACCTGCAAGCTCTGCCCTC 2172
      |||||
      20 TCACCTGCAAGCTCTGCCCTC 1

RESULT 702
BD138322/c
LOCUS     C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
DEFINITION
ACCESSION BD138322
VERSION   C12N15/00
Strandedness: Single;
CC        Topology: Linear;
CC        Antisense modulation of human MDM2 expression FH Key
CC        Location/Qualifiers
FT        source 1..20
FT        Location/Qualifiers
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Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2176 GGGTTCGCACCATTCCTCG 2195
      |||||
      20 GGGTTCGCACCATTCCTCG 1

REFERENCE
AUTHORS   1. (bases 1 to 20)
TITLE     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL   Antisense modulation of human MDM2 expression
COMMENT   Patent: JP 2002508944-A 248 26-MAR-2002;
          ISIS PHARMACEUTICALS INC
          OS Unidentified
          PN JP 2002508944-A/248
          PD 26-MAR-2002
          PF 26-MAR-1999 JP 2000538025
          PR 26-MAR-1998 US 09/048810
          PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

RESULT 703
BD138323/c
LOCUS     C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
DEFINITION
ACCESSION BD138323
VERSION   C12N15/00
Strandedness: Single;
CC        Topology: Linear;
CC        Antisense modulation of human MDM2 expression FH Key
CC        Location/Qualifiers
FT        source 1..20
FT        Location/Qualifiers
          /organism='Unidentified'.
FEATURES
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1..20
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2176 GGGTTCGCACCATTCCTCG 2195
      |||||
      20 GGGTTCGCACCATTCCTCG 1

REFERENCE
AUTHORS   1. (bases 1 to 20)
TITLE     Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
JOURNAL   Antisense modulation of human MDM2 expression
COMMENT   Patent: JP 2002508944-A 249 26-MAR-2002;
          ISIS PHARMACEUTICALS INC

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COMMENT
OS Unidentified
PN JP 2002508944-A/249
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
/organism='Unidentified'.
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 CCATTCTCCTGCCTCAGCCT 2204
Db 20 CCATTCTCCTGCCTCAGCCT 1

RESULT 704
BD138324/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138324
VERSION BD138324.1 GI:23233269
KEYWORDS JP 2002508944-A/250.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 250 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/250
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCTCAGCCTCCCAAT 2210
Db 20 TCCTGCTCAGCCTCCCAAT 1

RESULT 705
BD138325/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138325
VERSION BD138325.1 GI:23233270
KEYWORDS JP 2002508944-A/251.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 251 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/251
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSERT
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
CC Location/Qualifiers
FT source 1..20
FT Location/Qualifiers
/organism='Unidentified'.
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2198 TCAGCCTCCCAATTAGCTTG 2217
Db 20 TCAGCCTCCCAATTAGCTTG 1

RESULT 706
BD138326/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138326
VERSION BD138326.1 GI:23233271
KEYWORDS JP 2002508944-A/252.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 252 26-MAR-2002;
ISIS PHARMACEUTICALS INC
COMMENT
OS Unidentified
PN JP 2002508944-A/252
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810

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PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT /organism='Unidentified'.

FEATURES

source

Location/Qualifiers

1..20

/organism='unidentified'

/mol_type='genomic DNA'

/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2202 CCTCCCAATTAGCTGGCCT 2221

DB 20 CCTCCCAATTAGCTGGCCT 1

RESULT 707

BD138327/c

LOCUS

DEFINITION

Antisense modulation of human MDM2 expression.

ACCESSION

BD138327

VERSION

BD138327.1 GI:23233272

KEYWORDS

JP 2002508944-A/253.

SOURCE

unidentified

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 253 26-MAR-2002;

COMMENT

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/253

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT /organism='Unidentified'.

FEATURES

source

Location/Qualifiers

1..20

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Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2210 TTAGCTTGGCCTACAGTCAT 2229

DB 20 TTAGCTTGGCCTACAGTCAT 1

RESULT 708

BD138328/c

LOCUS

DEFINITION

Antisense modulation of human MDM2 expression.

ACCESSION

BD138328

VERSION

BD138328.1 GI:23233273

KEYWORDS

JP 2002508944-A/254.

SOURCE

unidentified

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 254 26-MAR-2002;

COMMENT

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/254

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

FT source 1..20

FT /organism='Unidentified'.

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Location/Qualifiers

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/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 7.9e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCCTACAGTCATCTG 2232

DB 20 GCTTGGCCTACAGTCATCTG 1

RESULT 709

BD138329/c

LOCUS

DEFINITION

Antisense modulation of human MDM2 expression.

ACCESSION

BD138329

VERSION

BD138329.1 GI:23233274

KEYWORDS

JP 2002508944-A/255.

SOURCE

unidentified

ORGANISM

unclassified.

REFERENCE

1 (bases 1 to 20)

Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowsert, L.M.

TITLE

Antisense modulation of human MDM2 expression

JOURNAL

Patent: JP 2002508944-A 255 26-MAR-2002;

COMMENT

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/255

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA, PAMELA NERO, MARK J GRAHAM, BRETT P. MONIA, LEX M

PI COWSERT

PC C12N15/09, A61K48/00, A61P9/10, A61P17/06, A61P35/00, C07H21/04//

PC C12Q1/68,

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PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.
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source
Location/Qualifiers
1..20
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACC 2237
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Db 20 GCCTACAGTCATCTGCCACC 1

RESULT 710
BD138330/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138330
VERSION BD138330.1 GI:23233275
KEYWORDS JP 2002508944-A/256.
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 256 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/256
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
Location/Qualifiers
FT source 1..20
FT /organism='Unidentified'.
FEATURES
source
Location/Qualifiers
1..20
/organism='unidentified'
/mol_type='genomic DNA'
/db_xref='taxon:32644'

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACACACCTGGCTAATT 2251
|||||
Db 20 GCCACACACCTGGCTAATT 1

RESULT 711
BD138331/c
LOCUS
DEFINITION Antisense modulation of human MDM2 expression.

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ACCESSION BD138331
VERSION BD138331.1 GI:23233276
KEYWORDS JP 2002508944-A/257.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 257 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/257
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
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CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key
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Db 20 TTGTACTTTTGTAGTAGAGAC 1

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LOCUS
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138332
VERSION BD138332.1 GI:23233277
KEYWORDS JP 2002508944-A/258.
SOURCE unidentified
ORGANISM unidentified
unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 258 26-MAR-2002;
ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/258
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Db 20 GCCAGGATGCTCGATCTC 1

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LOCUS BD138336 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138336
VERSION BD138336.1 GI:23233281
KEYWORDS JP 2002508944-A/262.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 262 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/262
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

PI COWSEERT
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RESULT 718
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138338
VERSION BD138338.1 GI:23233283
KEYWORDS JP 2002508944-A/264.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 264 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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Db 20 GGTCTCGATCTCCGACCTC 1

RESULT 717
BD138337/c
LOCUS BD138337 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138337
VERSION BD138337.1 GI:23233282
KEYWORDS JP 2002508944-A/263.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 263 26-MAR-2002;

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PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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PI COWSEERT
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2307 CTCTGACCTCGTGATCCGC 2326
|||||
Db 20 CTCTGACCTCGTGATCCGC 1

RESULT 718
BD138338/c
LOCUS BD138338 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138338
VERSION BD138338.1 GI:23233283
KEYWORDS JP 2002508944-A/264.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 264 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/264
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04///
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RESULT 717
BD138337/c
LOCUS BD138337 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138337
VERSION BD138337.1 GI:23233282
KEYWORDS JP 2002508944-A/263.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowseert,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 263 26-MAR-2002;

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138339
VERSION BD138339.1 GI:23233284
KEYWORDS JP 2002508944-A/265.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 265 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PR 26-MAR-1998 US 09/048810
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Db 20 GGCCTCCCAAGTCTGGGA 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138341
VERSION BD138341.1 GI:23233286
KEYWORDS JP 2002508944-A/267.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 267 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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CC Topology: Linear;
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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138340
VERSION BD138340.1 GI:23233285
KEYWORDS JP 2002508944-A/266.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 266 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025

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PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

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Db 20 GGCCTCCCAAGTCTGGGA 1

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DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138341
VERSION BD138341.1 GI:23233286
KEYWORDS JP 2002508944-A/267.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowser,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 267 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
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PN JP 2002508944-A/267
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
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PI COWSERT
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Db 20 CAAAGTCTGGGATTACAGG 1

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Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail: horii@mail.cc.tohoku.ac.jp, Tel: 81-22-717-8042, Fax: 81-22-717-8047)									
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RESULT 724									
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LOCUS									
E50642 22 bp DNA linear PAT 31-JAN-2002									
DEFINITION									
Simple detection method of drug-metabolizing synthetase gene polymorphism.									
E50642									
E50642.1 GI:18629423									
KEYWORDS									
JP 2001017185-A/6.									
SOURCE									
unidentified									
ORGANISM									
unclassified.									
1 (bases 1 to 22)									
Mizugaki, M. and Hiratsuka, M.									
AUTHORS									
TITLE									
Simple detection method of drug-metabolizing synthetase gene									
JOURNAL									
Patent: JP 2001017185-A 6 23-JAN-2001;									
OTSUKA PHARMACEUT CO LTD									
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20 TGCTGGGATTACAGGCATGA 1									
RESULT 725									
AX214484									
LOCUS									
AX214484 22 bp DNA linear PAT 06-SEP-2001									
DEFINITION									
Sequence 27 from Patent WO0159152.									
ACCESSION									
AX214484									
VERSION									
AX214484.1 GI:15524532									
KEYWORDS									

BD138342	20 bp	DNA	linear	PAT 18-SEP-2002			
Antisense modulation of human MDM2 expression.							
BD138342							
ACCESSION	BD138342.1 GI:23233287						
VERSION	JP 2002508944-A/268.						
KEYWORDS	unidentified						
SOURCE	unclassified.						
ORGANISM	unclassified.						
REFERENCE	1 (bases 1 to 20)						
AUTHORS	Miraglia, L.J., Nero, P., Graham, M.J., Monia, B.P. and Cowseert, L.M.						
TITLE	Antisense modulation of human MDM2 expression						
JOURNAL	Patent: JP 2002508944-A 268 26-MAR-2002;						
COMMENT	ISIS PHARMACEUTICALS INC						
	OS	Unidentified					
	PN	JP 2002508944-A/268					
	PD	26-MAR-2002					
	PF	26-MAR-1999 JP 2000538025					
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PI	COWSBERT						
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Db	20	GGATTACAGGCATGAGCCAC 1					
RESULT 723							
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LOCUS	AB069259 20 bp DNA linear SYN 21-MAY-2003						
DEFINITION	Synthetic construct DNA, reverse primer for human STS sts-R89K16R at lp36.						
ACCESSION	AB069259						
VERSION	AB069259.1 GI:15130063						
KEYWORDS	synthetic construct						
SOURCE	synthetic construct						
ORGANISM	artificial sequences.						
REFERENCE	1						
AUTHORS	Chen, Y. Z., Hayaishi, Y., Wu, J. G., Takaoka, E., Maekawa, K., Watanabe, N., Inazawa, J., Hosoda, F., Arai, Y., Mizushima, H., Morohashi, A., Ohira, M., Nakagawara, A., Liu, S., Hoshi, M., Horii, A. and Soeda, E.						
TITLE	A BAC-based STS-content map spanning a 35-Mb region of human chromosome 1p35-p36						
JOURNAL	Genomics 74 (1), 55-70 (2001)						
MEDLINE	21269192						
PubMed	11374902						
REFERENCE	2 (bases 1 to 20)						
AUTHORS	Horii, A.						
TITLE	Direct Submission						

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SOURCE      synthetic construct
ORGANISM    synthetic construct
            artificial sequences.
REFERENCE 1
AUTHORS     Zanger,U.M. and Lang,T.
TITLE       Polymorphisms in the human cyp2b6 gene and their use in diagnostic
            and therapeutic applications
JOURNAL     Patent: WO 0159152-A 27 16-AUG-2001;
            Epidauros Biotechnologie AG (DE)
FEATURES    Location/Qualifiers
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DB

RESULT 726
LOCUS     AX693015          25 bp      DNA          linear          PAT 31-MAR-2003
DEFINITION Sequence 5747 from Patent EPI281758.
ACCESSION AX693015
VERSION   AX693015.1 GI:29415978
KEYWORDS
SOURCE    Homo sapiens (human)
ORGANISM  Homo sapiens
REFERENCE 1
AUTHORS   Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE     Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL   Patent: EP 1281758-A 5747 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES  Location/Qualifiers
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Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB

RESULT 727
LOCUS     AR208396/c       26 bp      DNA          linear          PAT 20-JUN-2002
DEFINITION Sequence 12 from patent US 6383752.
ACCESSION AR208396
VERSION   AR208396.1 GI:21509539
KEYWORDS
SOURCE    Unknown.
ORGANISM  Unclassified.
REFERENCE 1 (bases 1 to 26)
AUTHORS   Agrawal,S. and Kandimalla,E.R.
TITLE     Pseudo-cyclic oligonucleobases
JOURNAL   Patent: US 6383752-A 12 07-MAY-2002;
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Query Match      0.8%; Score 20; DB 1; Length 26;
Best Local Similarity 95.2%; Pred. No. 8.6e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      674 TGTGAGTGAGAACACAGGTGTCA 694
        |||
        21 TGTGAGTGAGAACACAGGTGTCA 1
DB

RESULT 728
LOCUS     CQ766177        23 bp      DNA          linear          PAT 03-MAR-2004
DEFINITION Sequence 138 from Patent WO2004005547.
ACCESSION CQ766177
VERSION   CQ766177.1 GI:44908437
KEYWORDS
SOURCE    synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM  1
REFERENCE Weinzierl,R.
AUTHORS   Method
TITLE     Patent: WO 2004005547-A 138 15-JAN-2004;
            IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
JOURNAL   Location/Qualifiers
            source
            1..23
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="HS consensus sequence"

Query Match      0.8%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATGAGC 2367
        |||
        1 GTGCTGGGATTACAGGCATGAGC 23
DB

RESULT 729
LOCUS     AX115087        23 bp      DNA          linear          PAT 11-MAY-2001
DEFINITION Sequence 210 from Patent WO0129262.
ACCESSION AX115087
VERSION   AX115087.1 GI:14032029
KEYWORDS
SOURCE    synthetic construct
            synthetic construct
            artificial sequences.
ORGANISM  1
REFERENCE Picoult-Newburg,L. and Pohl,M.
AUTHORS   Genotyping reagents, kits and methods of use thereof
TITLE     Patent: WO 0129262-A 210 26-APR-2001;
            Orchid Biosciences, Inc. (US)
JOURNAL   Location/Qualifiers
            source
            1..23
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Primer"

Query Match      0.8%; Score 19.8; DB 1; Length 23;
Best Local Similarity 91.3%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATGAGC 2367
        |||
        1 GTGCTGGGATTATAGGCATGAGC 23
DB

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RESULT 730
LOCUS AR214382 24 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 26 from patent US 6407062.
ACCESSION AR214382
VERSION AR214382.1 GI:23312035
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Sherr,C.J., Quille,D., Roussel,M.F., Zindy,F. and Weber,J.D.
TITLE ARF-P19, a novel regulator of the mammalian cell cycle
JOURNAL Patent: US 6407062-A 26 18-JUN-2002;
FEATURES
source Location/Qualifiers
1..24
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.8%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 8.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 307 GCGAAATGTCGAATACCAACATG 329
Db 2 GCCATATGTCGAATACCAACATG 24

RESULT 731
LOCUS AX093775 24 bp DNA linear PAT 30-MAR-2001
DEFINITION Sequence 13 from Patent WO0118254.
ACCESSION AX093775
VERSION AX093775.1 GI:13510038
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Wang,W.W. and Struewing,J.P.
TITLE Mutation of rad51 gene and its use in the diagnosis of
predisposition to breast cancer
JOURNAL Patent: WO 0118254-A 13 15-MAR-2001;
FEATURES
source Location/Qualifiers
1..24
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 8.6e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193 CTGCTCAGCTCCCAATAGCT 2215
Db 1 CTGCTCAGCTCCCAAGTACT 23

RESULT 732
LOCUS AX612650 25 bp DNA linear PAT 17-FEB-2003
DEFINITION Sequence 3675 from Patent WO02072882.
ACCESSION AX612650
VERSION AX612650.1 GI:28408079
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1

RESULT 733
LOCUS AX692834 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5566 from Patent EP1281758.
ACCESSION AX692834
VERSION AX692834.1 GI:29415797
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5566 05-FEB-2003;
FEATURES
source Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2294 GGATGCTCGATCTCTCTGACCT 2316
Db 1 GGCTGGCTCTCAATCTCTGACCT 23

RESULT 734
LOCUS AX692835 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5567 from Patent EP1281758.
ACCESSION AX692835
VERSION AX692835.1 GI:29415798
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5567 05-FEB-2003;
FEATURES
source Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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AUTHORS Cullen,P. and Seedorf,U.
TITLE Coronary chip
JOURNAL Patent: WO 02072882-A 3675 19-SEP-2002;
OGHAM GmbH (DE)
FEATURES
source Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Query Match 0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2294 GGATGCTCGATCTCTCTGACCT 2316
Db 1 GGCTGGCTCTCAATCTCTGACCT 23

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RESULT 733
LOCUS AX692834 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5566 from Patent EP1281758.
ACCESSION AX692834
VERSION AX692834.1 GI:29415797
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1

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AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5566 05-FEB-2003;
FEATURES
source Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Query Match 0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2089 TTATTTTTTTTGAGACCGAGTCT 2111
Db 2 TTTTITTTTTTGAGACAGAGTCT 24

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RESULT 734
LOCUS AX692835 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5567 from Patent EP1281758.
ACCESSION AX692835
VERSION AX692835.1 GI:29415798
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1

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AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
JOURNAL Patent: EP 1281758-A 5567 05-FEB-2003;
FEATURES
source Location/Qualifiers
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

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Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2089 TTATTTTTTTCAGACCGAGTCT 2111
Db 1 TTTTTTTTTTTCAGACAGAGTCT 23

RESULT 735
AX692916
LOCUS AX692916 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5648 from Patent EP1281758.
ACCESSION AX692916
VERSION AX692916.1 GI:29415879
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5648 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
1..25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2173 CCCGGTTCGACCATTCCTCG 2195
Db 3 CCTGGTTCACACCATTCCTCG 25

RESULT 736
AX692989
LOCUS AX692989 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5721 from Patent EP1281758.
ACCESSION AX692989
VERSION AX692989.1 GI:29415952
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5721 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.8%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 8.7e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2246 CTAATTTTTCCTACTTTTAGTAG 2268
Db 3 CTAATATTTTGTATTTTAGTAG 25

Query Match      0.8%; Score 19.8; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 8.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2102 GACCGAGTCTTGCTCTGTTACCCAGG 2127
Db 26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 737
AR171124/c
LOCUS AR171124 26 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 33 from patent US 6297014.
ACCESSION AR171124
VERSION AR171124.1 GI:17910074
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
AUTHORS Taylor, K.D., Scheuner, M.T., Rotter, J.I. and Yang, H.
TITLE Genetic test to determine non-responsiveness to statin drug treatment
JOURNAL Patent: US 6297014-A 33 02-OCT-2001;
FEATURES
source
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.8%; Pred. No. 8.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2102 GACCGAGTCTTGCTCTGTTACCCAGG 2127
Db 26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 738
CO798598/c
LOCUS CO798598 26 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 33 from Patent EP1408121.
ACCESSION CO798598
VERSION CO798598.1 GI:46426960
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Taylor, K.D., Scheuner, M., Rotter, J. and Yang, H.
TITLE Genetic test to determine non-responsiveness to statin drug treatment
JOURNAL Patent: EP 1408121-A 33 14-APR-2004;
Cedars-Sinai Medical Center (US)
FEATURES
source
1..26
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 8.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2102 GACCGAGTCTTGCTCTGTTACCCAGG 2127
Db 26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 739
AR274339/c
LOCUS AR274339 26 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 7 from patent US 6506562.
ACCESSION AR274339
VERSION AR274339.1 GI:29706785
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
1 (bases 1 to 26)
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AUTHORS Weissman,S.M. and Jonsson,J.J.
 TITLE Allele frequency differences method for phenotype cloning
 JOURNAL Patent: US 6506562-A 7 14-JAN-2003;
 FEATURES Location/Qualifiers

source

1..26
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.8%; Score 19.6; DB 1; Length 26;
 Best Local Similarity 84.6%; Pred. No. 8.9e+02;
 Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2099 TGAGACCGAGTCTGCTCTGTATACC 2124

Db 26 TGAGACCGAGTCTGCTCTGTGCCCC 1

RESULT 740
 AX068482/c
 LOCUS AX068482 26 bp DNA linear PAT 25-JAN-2001
 DEFINITION Sequence 33 from Patent WO0102606.
 ACCESSION AX068482
 VERSION AX068482.1 GI:12578607
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens

REFERENCE 1
 AUTHORS Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
 TITLE Genetic test to determine non-responsiveness to statin drug treatment
 JOURNAL Patent: WO 0102606-A 33 11-JAN-2001;
 Cedars-Sinai Medical Center (US)

FEATURES Location/Qualifiers
 source 1..26
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.8%; Score 19.6; DB 1; Length 26;
 Best Local Similarity 84.6%; Pred. No. 8.9e+02;
 Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2102 GACACAGTCTGCTCTGTATACCAGG 2127

Db 26 GACACAGTCTGCTCTGTATACCAGG 1

RESULT 741
 AX190637/c
 LOCUS AX190637 26 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 55 from Patent WO0144287.
 ACCESSION AX190637
 VERSION AX190637.1 GI:15143916
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1
 AUTHORS Shimkets,R.A.
 TITLE Novel polypeptides and nucleic acids encoding same
 JOURNAL Patent: WO 0144287-A 55 21-JUN-2001;
 Curagen Corporation (US)

FEATURES Location/Qualifiers
 source 1..26
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="2826468 expression probe primer"

Query Match 0.8%; Score 19.6; DB 1; Length 26;
 Best Local Similarity 84.6%; Pred. No. 8.9e+02;

Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2269 AGACAGGTTTCACCGTGTAGCCAG 2294

Db 26 ACATGGGCTCTACCGTGTAGCCAG 1

RESULT 742
 AX443170/c
 LOCUS AX443170 26 bp DNA linear PAT 02-JUL-2002
 DEFINITION Sequence 111 from Patent WO0216599.
 ACCESSION AX443170
 VERSION AX443170.1 GI:21690565
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.

REFERENCE 1
 AUTHORS Burgess,C.E., Conley,P.B., Grosse,W.M., Hart,M., Kekuda,R.,
 Shimkets,R.A., Spytek,K.A., Szekeres,E.S., Tomlinson,J.E.,
 Topper,J.N. and Yang,R.B.
 TITLE Proteins and nucleic acids encoding same
 JOURNAL Patent: WO 0216599-A 111 28-FEB-2002;
 Curagen Corporation (US) ; COR THERAPEUTICS, INC. (US)

FEATURES Location/Qualifiers
 source 1..26
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="oligonucleotide primer"

Query Match 0.8%; Score 19.6; DB 1; Length 26;
 Best Local Similarity 84.6%; Pred. No. 8.9e+02;
 Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2190 CTCCTGCTCAGCCTCCCAATTAGCT 2215

Db 26 CTCCTGCTCAGCCTCAGGATAGTT 1

RESULT 743
 AR148944/c
 LOCUS AR148944 21 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 1 from patent US 6228345.
 ACCESSION AR148944
 VERSION AR148944.1 GI:15113535
 KEYWORDS Unknown.
 SOURCE Unknown.

ORGANISM Unassigned.
 REFERENCE 1 (bases 1 to 21)
 AUTHORS Osowski,L.
 TITLE In vivo assay for intravasation
 JOURNAL Patent: US 6228345-A 1 08-MAY-2001;
 FEATURES Location/Qualifiers
 source 1..21
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
 Best Local Similarity 95.2%; Pred. No. 8.5e+02;
 Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2343 AAGTGTGGGATTACAGGCAT 2363

Db 21 AAGTGTGGGATTACAGGCAT 1

RESULT 744
 AR182144
 LOCUS AR182144 21 bp DNA linear PAT 20-APR-2002
 DEFINITION Sequence 61 from patent US 6337192.
 ACCESSION AR182144

[illegible]

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QY 2260 TTTTAGTAGACAGCGGTTTC 2280
Db 21 TTTTAGTAGACAGCGGTTTC 1

RESULT 749
LOCUS AX741045 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 19 from Patent WO03027328.
ACCESSION AX741045
VERSION AX741045.1 GI:30523906
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
detectable probe binding to randomly distributed repeat sequences
in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 19 03-APR-2003;
Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
FEATURES
source
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
/note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACAGCGGTTTC 2280
Db 1 TTTTAGTAGACAGCGGTTTC 21

RESULT 750
AX800313 21 bp DNA linear PAT 13-OCT-2003
LOCUS
DEFINITION Sequence 75 from Patent WO03055995.
ACCESSION AX800313
VERSION AX800313.1 GI:37653550
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM
REFERENCE
AUTHORS Wen,X.Y., Stewart,A.K., Tsui,L.C. and Hegele,R.A.
TITLE Lipase genes and proteins
JOURNAL Patent: WO 03055995-A 75 10-JUL-2003;
Wen, Xiao-Yan (CA); Stewart, A., Keith (CA); Tsui, Lap-Chee (CN);
Hegele, Robert, A. (CA)
FEATURES
source
Location/Qualifiers
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGACCCCG 2372
Db 1 GATTACAGGCATGATCACCG 21

RESULT 751
BD056581

LOCUS BD056581 21 bp DNA linear PAT 27-AUG-2002
DEFINITION Method to diagnose and treat pathological conditions resulting from
deficient ion transport.
ACCESSION BD056581
VERSION BD056581.1 GI:22602187
KEYWORDS JP 2001508291-A/38.
SOURCE
ORGANISM
REFERENCE
AUTHORS Lifton,R.P. and Simon,D.B.
TITLE Method to diagnose and treat pathological conditions resulting from
deficient ion transport
JOURNAL Patent: JP 2001508291-A 38 26-JUN-2001;
YALE UNIVERSITY
COMMENT OS Artificial Sequence
PN JP 2001508291-A/38
PD 26-JUN-2001
PF 19-DEC-1997 JP 1998530123
PR 31-DEC-1996 US 08/778052
PI RICHARD P LIFTON,DAVID B SIMON
PC C12N15/09,C07K14/435,C07K16/00,C12N1/15,C12N1/19,C12N1/21,PC
C12N5/10,
PC C12P21/02,C12Q1/68,G01N33/53,C12N15/00,C12N5/00 CC Primer
for analysis of human TSC gene
PH Key Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 8.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGCATGAG 2366
Db 1 TGCTGGGTTTACAGGCATGAG 21

RESULT 752
BD183598 22 bp DNA linear PAT 17-JUN-2003
LOCUS
DEFINITION Method for amplifying DNA.
ACCESSION BD183598
VERSION BD183598.1 GI:31875798
KEYWORDS JP 2002345466-A/50.
SOURCE
ORGANISM
REFERENCE
AUTHORS Mineno,J., Asada,K., Kato,I., Tanabe,C., Sasaki,H. and Terada,M.
TITLE Method for amplifying DNA
JOURNAL Patent: JP 2002345466-A 50 03-DEC-2002;
TAKARA BIO INC,THE PRESIDENT OF NATIONAL CANCER CENTER JAPAN, THE
ORGANIZATION FOR PHARMACEUTICAL SAFETY AND RESEARCH
COMMENT OS Artificial Sequence
PN JP 2002345466-A/50
PD 03-DEC-2002
PF 08-MAY-2001 JP 2001137858
PI JUNICHI MINENO,KIYOZO ASADA,IKUNOSHIN KATO,CHIKAKO TANABE,PI
HIROKI SASAKI,
PI MASAAKI TERADA
PC C12N15/09,C12N15/00
CC Description of Artificial Sequence: a sequence of a primer for
amplifying
CC BRCA1 gene
PH Key Location/Qualifiers
1..22
/organism="Artificial Sequence".
FT source Location/Qualifiers


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source 1. .22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 22;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTACAGG 2360
|||||
Db 1 CCAAGTGTAGGATTACAGG 21

RESULT 753
AX938799/c
LOCUS AX938799 23 bp DNA linear PAT 07-JAN-2004
DEFINITION Sequence 244 from Patent EP1365034.
ACCESSION AX938799
VERSION AX938799.1 GI:40733179
KEYWORDS synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Wirtz,R., Munnes,M. and Kallabis,H.
TITLE Methods and compositions for the prediction, diagnosis, prognosis,
prevention and treatment of malignant neoplasia
JOURNAL Patent: EP 1365034-A 244 26-NOV-2003;
Bayer Healthcare AG (DE)
FEATURES
source 1. .23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="D175614 reverse primer"
misc_feature 1
/notes="n=a, c, g or t"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCTC 2165
|||||
Db 23 ATCTGGCTCACTGCAAGCTC 3

RESULT 754
AR082561
LOCUS AR082561 20 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 11 from patent US 5973133.
ACCESSION AR082561
VERSION AR082561.1 GI:10009283
KEYWORDS
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Hardy,J.A. and Goate,A.M.
TITLE Mutant S182 genes
JOURNAL Patent: US 5973133-A 11 26-OCT-1999;
FEATURES
source 1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 19.2; DB 1; Length 20;
Matches 18; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
|||||

source 1. .22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 22;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTACAGG 2360
|||||
Db 1 CCAAGTGTAGGATTACAGG 21

RESULT 753
AX938799/c
LOCUS AX938799 23 bp DNA linear PAT 07-JAN-2004
DEFINITION Sequence 244 from Patent EP1365034.
ACCESSION AX938799
VERSION AX938799.1 GI:40733179
KEYWORDS synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Wirtz,R., Munnes,M. and Kallabis,H.
TITLE Methods and compositions for the prediction, diagnosis, prognosis,
prevention and treatment of malignant neoplasia
JOURNAL Patent: EP 1365034-A 244 26-NOV-2003;
Bayer Healthcare AG (DE)
FEATURES
source 1. .23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="D175614 reverse primer"
misc_feature 1
/notes="n=a, c, g or t"

Query Match
Best Local Similarity 0.8%; Score 19.4; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCTC 2165
|||||
Db 23 ATCTGGCTCACTGCAAGCTC 3

RESULT 754
AR082561
LOCUS AR082561 20 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 11 from patent US 5973133.
ACCESSION AR082561
VERSION AR082561.1 GI:10009283
KEYWORDS
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Hardy,J.A. and Goate,A.M.
TITLE Mutant S182 genes
JOURNAL Patent: US 5973133-A 11 26-OCT-1999;
FEATURES
source 1. .20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 19.2; DB 1; Length 20;
Matches 18; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
|||||

Db 1 GGATTACAGGYRTGAGCCAC 20

RESULT 755
A99115
LOCUS A99115 24 bp DNA linear PAT 20-SEP-2000
DEFINITION Sequence 19 from Patent WO9909054.
ACCESSION A99115
VERSION A99115.1 GI:6782068
KEYWORDS
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1
AUTHORS Falmagne,P., Wattiez,R., Bernard,A., Hermans,C. and Knoop,B.
TITLE Peroxisome-associated polypeptide, nucleotide sequence encoding
said polypeptide and their uses in the diagnosis and/or the
treatment of lung injuries and diseases, and of oxidative
stress-related disorders
JOURNAL Patent: WO 9909054-A 19 25-FEB-1999;
UNIV MONS HAINAUT (BE); FALMAGNE PAUL (BE); WATTIEZ RUDDY (BE);
BERNARD ALFRED (BE); HERMANS CEDRIC (BE); KNOOPS BERNARD (BE);
UNIV LOUVAIN (BE)
FEATURES
source 1. .24
/organism="unidentified"
/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.8%; Score 19.2; DB 1; Length 24;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 AGAGACAGGGTTTCACCATCTTGG 24

RESULT 756
AR129533/c
LOCUS AR129533 24 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 122 from patent US 6187533.
ACCESSION AR129533
VERSION AR129533.1 GI:14117430
KEYWORDS
SOURCE Unknown.
REFERENCE 1 (bases 1 to 24)
AUTHORS Bell,G.I., Yamagata,K., Oda,N., Kaisaki,P.J., Furuta,H.,
Horikawa,Y. and Menzel,S.
TITLE Mutations in the diabetes susceptibility genes hepatocyte nuclear
factor (HNF) 1 alpha (.alpha.), HNF1.beta. and HNF4.alpha
JOURNAL Patent: US 6187533-A 122 13-FEB-2001;
FEATURES
source 1. .24
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 19.2; DB 1; Length 24;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2099 TGAGACCGAGTCTTGCTCTGTTAC 2122
|||||
Db 24 TGAGATGGAGTCTTGCTCTGTTGC 1

RESULT 757
AX092605
LOCUS AX092605 24 bp DNA linear PAT 21-MAR-2001
DEFINITION Sequence 17 from Patent WO0115676.
ACCESSION AX092605

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VERSION AX092605.1 GI:13444662
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
TITLE Hayden,M.R., Brooks-Wilson,A.R., Pinstone,S.N. and Clee,S.M.
JOURNAL Compositions and methods for modulating hdl cholesterol and
FEATURES Patent: WO 0115676-A 17 08-MAR-2001;
source University of British Columbia (CA) ; Xenon Genetics Inc. (CA)
Location/Qualifiers
1. .24
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCTGACCT 2316
||||| ||||| ||||| |||||
Db 1 AGGTTGGTTTCGAACCTCTGACCT 24

RESULT 758
AX117707/c
LOCUS AX117707 24 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2830 from Patent WO0129262.
ACCESSION AX117707
VERSION AX117707.1 GI:14034658
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE Picoult-Newburg,L. and Pohl,M.
AUTHORS Genotyping reagents, kits and methods of use thereof
TITLE Patent: WO 0129262-A 2830 26-APR-2001;
JOURNAL Orchid BioSciences, Inc. (US)
FEATURES Location/Qualifiers
source 1. .24
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGTCTGGATTAC 2357
||||| ||||| ||||| |||||
Db 24 GGACTCCTAAAGTCTGGAATTAC 1

RESULT 759
BD074924
LOCUS BD074924 24 bp DNA linear PAT 27-AUG-2002
DEFINITION Peroxisome-related polypeptide, nucleotide sequence encoding the
polypeptide, and utilization thereof in diagnosis and/or treatment
of lung injury or disease, and diagnosis and/or treatment of
oxidative stress-related disease.
ACCESSION BD074924
VERSION BD074924.1 GI:22620527
KEYWORDS JP 2001514874-A/16.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 24)
AUTHORS Cnupe,B., Erman,C., Bernard,A., Watie,R. and Farumanu,P.

TITLE Peroxisome-related polypeptide, nucleotide sequence encoding the
polypeptide, and utilization thereof in diagnosis and/or treatment
of lung injury or disease, and diagnosis and/or treatment of
oxidative stress-related disease
JOURNAL Patent: EP 1281758-A 5563 05-FEB-2003;
FEATURES Aeomica, Inc. (US)
source Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 9.2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

TITLE Peroxisome-related polypeptide, nucleotide sequence encoding the
polypeptide, and utilization thereof in diagnosis and/or treatment
of lung injury or disease, and diagnosis and/or treatment of
oxidative stress-related disease
JOURNAL Patent: JP 2001514874-A 16 18-SEP-2001;
FEATURES UNIVERSITE CATHOLIQUE DE LOUVAIN,UNIVERSITE DE MONT ZENO
OS Unidentified
PN JP 2001514874-A/16
PD 18-SEP-2001
PF 20-AUG-1998 JP 2000509732
PR 20-AUG-1997 BE 9700692
PI BERNARD CNUPE,CEDRICK ERMAN,ALFRED BERNARD,RUDY WATIE,PAUL PI
FARUMANU
PC C12N15/09,A01K67/027,A61K31/711,A61K38/00,A61K39/395,A61K39/
PC 395,A61K45/00,
PC A61P9/10,A61P11/06,A61P17/04,A61P19/08,A61P19/10,A61P21/00, PC
A61P25/16,
PC A61P25/28,A61P29/00,A61P37/08,C07K14/435,C12N5/10,C12Q1/68, PC
G01N33/53,
PC G01N33/566//C07K16/18,C12N15/00,A61K37/02,C12N5/00 CC
Strandedness: Single;
CC Topology: Linear;
CC Peroxisome-related polypeptide, nucleotide sequence encoding
the
CC polypeptide, and utilization thereof in diagnosis and/or CC
treatment of lung
CC injury or disease, and diagnosis and/or treatment of oxidative
CC stress-related disease
FH Key Location/Qualifiers
FT source 1. .24
/organism="Unidentified".
FEATURES Location/Qualifiers
source 1. .24
/organism="unidentified"
/mol_type="genomic DNA"
/db_xref="taxon:32644"

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 9.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGGTTTCACGCTGTAG 2290
||||| ||||| ||||| |||||
Db 1 AGAGACAGGGTTTCACCACTTCG 24

RESULT 760
AX692831
LOCUS AX692831 25 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5563 from Patent EP1281758.
ACCESSION AX692831
VERSION AX692831.1 GI:29415794
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
TITLE Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
FEATURES Patent: EP 1281758-A 5563 05-FEB-2003;
source Aeomica, Inc. (US)
Location/Qualifiers
1. .25
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 9.2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 2086 TTATTATTTTGTGACGAGT 2109
 DB 2 TTTTGTGACGAGT 25

RESULT 761
 AX692837
 LOCUS AX692837 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5569 from Patent EP1281758.
 ACCESSION AX692837
 VERSION AX692837.1 GI:29415800
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5569 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES
 source Location/Qualifiers
 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 25;
 Best Local Similarity 87.5%; Pred. No. 9.2e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2092 TTTTGTGACGAGTCTGTCT 2115
 DB 2 TTTTGTGACGAGTCTGTCT 25

RESULT 762
 AX692840
 LOCUS AX692840 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5572 from Patent EP1281758.
 ACCESSION AX692840
 VERSION AX692840.1 GI:29415803
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5572 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES
 source Location/Qualifiers
 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 25;
 Best Local Similarity 87.5%; Pred. No. 9.2e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2094 TTTTGTGACGAGTCTGTCT 2117
 DB 1 TTTTGTGACGAGTCTGTCT 24

RESULT 763
 AX692931
 LOCUS AX692931 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5663 from Patent EP1281758.

ACCESSION AX692931
 VERSION AX692931.1 GI:29415894
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5663 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES
 source Location/Qualifiers
 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 25;
 Best Local Similarity 87.5%; Pred. No. 9.2e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2186 CATTCCTGCTTCAGTCTCCGA 2209
 DB 1 CATTCCTGCTTCAGTCTCCGA 24

RESULT 764
 AX693001
 LOCUS AX693001 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5733 from Patent EP1281758.
 ACCESSION AX693001
 VERSION AX693001.1 GI:29415964
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5733 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES
 source Location/Qualifiers
 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.8%; Score 19.2; DB 1; Length 25;
 Best Local Similarity 87.5%; Pred. No. 9.2e+02;
 Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2256 GTACTTTTAGTAGACAGGTTT 2279
 DB 1 GTACTTTTAGTAGACAGGTTT 24

RESULT 765
 CO760565/c
 LOCUS CO760565 19 bp DNA linear PAT 03-MAR-2004
 DEFINITION Sequence 7 from Patent WO2004003229.
 ACCESSION CO760565
 VERSION CO760565.1 GI:44904068
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE
 AUTHORS Nex,B.R., Vogel,U., Rockenbauer,E. and Bukowy,Z.K.
 TITLE Disease risk estimating method using sequence polymorphisms in a

specific region of chromosome 19
 Patent: WO 2004003229-A 7 08-JAN-2004;
 Aarhus University (DK) ; Arbejdsmiljø Institutttet (National
 Institute of Occupational Health) (DK)
FEATURES
 Location/Qualifiers
 1..19
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Probe"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2275 GGTTCACCGGTGTAGCCA 2293
 Db 19 GGTTCACCGGTGTAGCCA 1

RESULT 766
 LOCUS CQ760691/c
 DEFINITION Sequence 133 from Patent WO2004003229.
 ACCESSION CQ760691
 VERSION CQ760691.1 GI:44904194
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM
 Unassigned.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Kieback,D.G.
 TITLE Methods for diagnosing an increased risk for breast or ovarian cancer
 JOURNAL Patent: US 5645995-A 10 08-JUL-1997;
 FEATURES Location/Qualifiers
 1..19
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2275 GGTTCACCGGTGTAGCCA 2293
 Db 19 GGTTCACCGGTGTAGCCA 1

RESULT 767
 LOCUS I52002
 DEFINITION Sequence 10 from patent US 5645995.
 ACCESSION I52002
 VERSION I52002.1 GI:2473203
 KEYWORDS
 SOURCE Unknown.
 ORGANISM
 Unassigned.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Kieback,D.G.
 TITLE Methods for diagnosing an increased risk for breast or ovarian cancer
 JOURNAL Patent: US 5645995-A 10 08-JUL-1997;
 FEATURES Location/Qualifiers
 1..19
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2275 GGTTCACCGGTGTAGCCA 2293
 Db 19 GGTTCACCGGTGTAGCCA 1

RESULT 768
 LOCUS I52002
 DEFINITION Sequence 10 from patent US 5645995.
 ACCESSION I52002
 VERSION I52002.1 GI:2473203
 KEYWORDS
 SOURCE Unknown.
 ORGANISM
 Unassigned.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Kieback,D.G.
 TITLE Methods for diagnosing an increased risk for breast or ovarian cancer
 JOURNAL Patent: US 5645995-A 10 08-JUL-1997;
 FEATURES Location/Qualifiers
 1..19
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2275 GGTTCACCGGTGTAGCCA 2293
 Db 19 GGTTCACCGGTGTAGCCA 1

RESULT 769
 LOCUS AX115894
 DEFINITION Sequence 1017 from Patent WO0129262.
 ACCESSION AX115894
 VERSION AX115894.1 GI:14032836
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM
 artificial sequences.
 REFERENCE 1
 AUTHORS Picoult-Newburg,L. and Pohl,M.
 TITLE Genotyping reagents, kits and methods of use thereof
 JOURNAL Patent: WO 0129262-A 1017 26-APR-2001;
 FEATURES Location/Qualifiers
 1..19
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Primer"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGG 2360
 Db 1 AAAGTCTGGGATTACAGG 19

RESULT 770
 LOCUS AX116350
 DEFINITION Sequence 1473 from Patent WO0129262.

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGG 2360
 Db 1 AAAGTCTGGGATTACAGG 19

RESULT 768
 LOCUS I72210
 DEFINITION Sequence 10 from patent US 5683885.
 ACCESSION I72210
 VERSION I72210.1 GI:3008349
 KEYWORDS
 SOURCE Unknown.
 ORGANISM
 Unassigned.
 REFERENCE 1 (bases 1 to 19)
 AUTHORS Kieback,D.G.
 TITLE Methods for diagnosing an increased risk for breast or ovarian cancer
 JOURNAL Patent: US 5683885-A 10 04-NOV-1997;
 FEATURES Location/Qualifiers
 1..19
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGG 2360
 Db 1 AAAGTCTGGGATTACAGG 19

RESULT 769
 LOCUS AX115894
 DEFINITION Sequence 1017 from Patent WO0129262.
 ACCESSION AX115894
 VERSION AX115894.1 GI:14032836
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM
 artificial sequences.
 REFERENCE 1
 AUTHORS Picoult-Newburg,L. and Pohl,M.
 TITLE Genotyping reagents, kits and methods of use thereof
 JOURNAL Patent: WO 0129262-A 1017 26-APR-2001;
 FEATURES Location/Qualifiers
 1..19
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Primer"

Query Match 0.8%; Score 19; DB 1; Length 19;
 Best Local Similarity 100.0%; Pred. No. 8.6e+02;
 Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATG 2364
 Db 1 TGCTGGGATTACAGGCATG 19

RESULT 770
 LOCUS AX116350
 DEFINITION Sequence 1473 from Patent WO0129262.

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ACCESSION AX116350
VERSION AX116350.1 GI:14033292
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
1 Picoult-Newburg,L. and Pohl,M.
AUTHORS Genotyping reagents, kits and methods of use thereof
TITLE Patent: WO 0129262-A 1473 26-APR-2001;
JOURNAL Orchid BioSciences, Inc. (US)
FEATURES
source Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATG 2364
Db 1 TGCTGGGATTACAGGCATG 19

RESULT 771
BD089274/c
LOCUS BD089274 19 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089274
VERSION BD089274.1 GI:22634884
KEYWORDS JP 2001321190-A/1518.
SOURCE synthetic construct
ORGANISM artificial construct
REFERENCE
1 Soeda,E.
AUTHORS A method of arraying genome clone
TITLE Patent: JP 2001321190-A 1518 20-NOV-2001;
JOURNAL THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/1518
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT source Location/Qualifiers
1..19
/organism='Artificial Sequence'.
FEATURES
source Location/Qualifiers
1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 8.6e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2337 CTCCTCCAAAGTCTGGGATT 2355
Db 19 CTCCTCCAAAGTCTGGGATT 1

RESULT 772
AR116725/c
LOCUS AR116725 20 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 8 from patent US 6133503.
ACCESSION AR116725
VERSION AR116725.1 GI:14097047
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Scheffler,I.E.
TITLE Mammalian artificial chromosomes and methods of using same
JOURNAL Patent: US 6133503-A 8 17-OCT-2000;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGAGACAGGGTTTCACC 2283
Db 20 GTAGAGACAGGGTTTCACC 2

RESULT 773
189275/c
LOCUS 189275 20 bp DNA linear PAT 10-AUG-1998
DEFINITION Sequence 8 from patent US 5721118.
ACCESSION 189275
VERSION 189275.1 GI:3409215
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Scheffler,I.E.
TITLE Mammalian artificial chromosomes and methods of using same
JOURNAL Patent: US 5721118-A 8 24-PEB-1998;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGAGACAGGGTTTCACC 2283
Db 20 GTAGAGACAGGGTTTCACC 2

RESULT 774
AR208407/c
LOCUS AR208407 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 23 from patent US 6383752.
ACCESSION AR208407
VERSION AR208407.1 GI:21509553
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
1 (bases 1 to 20)
AUTHORS Agrawal,S. and Kandimalia,E.R.
TITLE Pseudo-cyclic oligonucleobases
JOURNAL Patent: US 6383752-A 23 07-MAY-2002;
FEATURES
source Location/Qualifiers
1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;

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Best Local Similarity 95.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 677 GAGTGAGAACAGGTGTCCACC 696
Db 20 GNGTGAGAACAGGTGTCCACC 1

RESULT 775

AR208408/c
LOCUS AR208408 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 24 from patent US 6383752.
ACCESSION AR208408
VERSION AR208408.1 GI:21509554
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Agrawal,S. and Kandimala,E.R.
TITLE Pseudo-cyclic oligonucleobases
JOURNAL Patent: US 6383752-A 24 07-MAY-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 676 TGAGTGAGAACAGGTGTCCAC 695
Db 20 TGNGTGAGAACAGGTGTCCAC 1

RESULT 776

AR208409/c
LOCUS AR208409 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 25 from patent US 6383752.
ACCESSION AR208409
VERSION AR208409.1 GI:21509556
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Agrawal,S. and Kandimala,E.R.
TITLE Pseudo-cyclic oligonucleobases
JOURNAL Patent: US 6383752-A 25 07-MAY-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 674 TGTGAGTGAGAACAGGTGTCTC 693
Db 20 TGTGNGTGAGAACAGGTGTCTC 1

RESULT 777

AR208410/c
LOCUS AR208410 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 26 from patent US 6383752.
ACCESSION AR208410
VERSION AR208410.1 GI:21509557
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Agrawal,S. and Kandimala,E.R.
TITLE Pseudo-cyclic oligonucleobases
JOURNAL Patent: US 6383752-A 26 07-MAY-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 672 TCTGTGAGTGAGAACAGGTG 691
Db 20 TCTGTGNGTGAGAACAGGTG 1

RESULT 778

AR224472/c
LOCUS AR224472 20 bp DNA linear PAT 26-SEP-2002
DEFINITION Sequence 17 from patent US 6440737.
ACCESSION AR224472
VERSION AR224472.1 GI:23333312
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Preter,S.M.
TITLE Antisense modulation of cellular apoptosis susceptibility gene
JOURNAL Patent: US 6440737-A 17 27-AUG-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.7e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTCTCGGA 2353
Db 19 GCCTCCCAAGTCTCGGA 1

RESULT 779

AX116095/c
LOCUS AX116095 22 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 1218 from Patent WO0129262.
ACCESSION AX116095
VERSION AX116095.1 GI:14033037
KEYWORDS
SOURCE Synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 1218 26-APR-2001;
FEATURES Orchid Biosciences, Inc. (US)
Location/Qualifiers
source 1..22
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32830"
/note="Primer"

Query Match 0.8%; Score 19; DB 1; Length 22;
Best Local Similarity 90.5%; Pred. No. 9e+02;
Matches 19; Conservative 1; Mismatches 1; Indels 0; Gaps 0;


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QY      2234 CACCACACCTGGCTAATTTT 2254
          |||||:|||||
Db      22 CACCACACSTGGCTAGTTT 2
          |||||:|||||

RESULT 780
AX060516/c
LOCUS      AX060516          25 bp    DNA    linear    PAT 22-JAN-2001
DEFINITION Sequence 51 from Patent WO0079003.
ACCESSION  AX060516
VERSION     AX060516.1 GI:12405977
KEYWORDS    .
SOURCE      synthetic construct
            synthetic construct
ORGANISM     artificial sequences.

REFERENCE   1
AUTHORS     March, R.E. and Thornton, S.M.
TITLE       Polymorphisms in the human hmg-coa reductase gene
JOURNAL     Patent: WO 0079003-A 51 28-DEC-2000;
            AstraZeneca UK Limited (GB)
FEATURES    Location/Qualifiers
            source          1..25
                        /organism="synthetic construct"
                        /mol_type="unassigned DNA"
                        /db_xref="taxon:32630"
                        /note="PCR primer"

Query Match      0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2143 TGATCTGGCTCACTGCAA 2161
          |||||:|||||
Db      22 TGATCTGGCTCACTGCAA 4
          |||||:|||||

Query Match      0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2143 TGATCTGGCTCACTGCAA 2161
          |||||:|||||
Db      22 TGATCTGGCTCACTGCAA 4
          |||||:|||||

RESULT 781
AX693014
LOCUS      AX693014          25 bp    DNA    linear    PAT 31-MAR-2003
DEFINITION Sequence 5746 from Patent EPI281758.
ACCESSION  AX693014
VERSION     AX693014.1 GI:29415977
KEYWORDS    .
SOURCE      Homo sapiens (human)
ORGANISM     Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE   1
AUTHORS     Shannon, M., Gu, Y. and Nguyen, C.T.
TITLE       Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
            mdz12
JOURNAL     Patent: EP 1281758-A 5746 05-FEB-2003;
            Aeomica, Inc. (US)
FEATURES    Location/Qualifiers
            source          1..25
                        /organism="Homo sapiens"
                        /mol_type="unassigned DNA"
                        /db_xref="taxon:9606"

Query Match      0.8%; Score 19; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 9.3e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2274 GGGTTTCACCGTTAGCC 2292
          |||||:|||||
Db      7 GGGTTTCACCGTTAGCC 25
          |||||:|||||

RESULT 782
AR066909/c
LOCUS      AR066909          22 bp    DNA    linear    PAT 29-SEP-1999
DEFINITION Sequence 257 from patent US 5851760.

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ACCESSION  AR066909
VERSION     AR066909.1 GI:5998131
KEYWORDS    .
SOURCE      Unknown.
ORGANISM     Unknown.
            Unclassified.
REFERENCE   1 (bases 1 to 22)
AUTHORS     Evans, G.A. and Smith, M.W.
TITLE       Method for generation of sequence sampled maps of complex genomes
JOURNAL     Patent: US 5851760-A 257 22-DEC-1998;
FEATURES    Location/Qualifiers
            source          1..22
                        /organism="unknown"
                        /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2094 TTTTGTGAGACCGAGTCTTGCT 2115
          |||||:|||||
Db      22 TTTTGTGAGACAGAGTCTTGCT 1
          |||||:|||||

RESULT 783
AR088425
LOCUS      AR088425          22 bp    DNA    linear    PAT 07-SEP-2000
DEFINITION Sequence 11 from patent US 5989885.
ACCESSION  AR088425
VERSION     AR088425.1 GI:10015188
KEYWORDS    .
SOURCE      Unknown.
ORGANISM     Unknown.
            Unclassified.
REFERENCE   1 (bases 1 to 22)
AUTHORS     Teng, D.H.-F., Tavtigian, S.V., Perry, W.L. III and Skolnick, M.H.
TITLE       Specific mutations of map kinase 4 (MKK4) in human tumor cell lines
            identify it as a tumor suppressor in various types of cancer
JOURNAL     Patent: US 5989885-A 11 23-NOV-1999;
FEATURES    Location/Qualifiers
            source          1..22
                        /organism="unknown"
                        /mol_type="unassigned DNA"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2261 TTTAGTAGAGACAGGGTTTCAC 2282
          |||||:|||||
Db      1 TTTAGTAGAGATGGGGTTTCAC 22
          |||||:|||||

RESULT 784
AX116074/c
LOCUS      AX116074          22 bp    DNA    linear    PAT 11-MAY-2001
DEFINITION Sequence 1197 from Patent WO0129262.
ACCESSION  AX116074
VERSION     AX116074.1 GI:14033016
KEYWORDS    .
SOURCE      synthetic construct
            synthetic construct
ORGANISM     artificial sequences.

REFERENCE   1
AUTHORS     Picoult-Newburg, L. and Pohl, M.
TITLE       Genotyping reagents, kits and methods of use thereof
JOURNAL     Patent: WO 0129262-A 1197 26-APR-2001;
            Orchid BioSciences, Inc. (US)
FEATURES    Location/Qualifiers
            source          1..22
                        /organism="synthetic construct"
                        /mol_type="unassigned DNA"
                        /db_xref="taxon:32630"

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/note="Primer"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2301 CTCGATCTCCCTGACCTCGTGAT 2322
||||| ||||| ||||| ||||| |||||
Db 22 CTCAACTCCCTGACCTCGTGAT 1

RESULT 785
AX817228
LOCUS      AX817228          22 bp      DNA      linear      PAT 10-DEC-2003
DEFINITION Sequence 40 from Patent WO0221138.
ACCESSION  AX817228
VERSION     AX817228.1 GI:39722619
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Schneider,A., Hiemisch,H., Rossner,M., Klugmann,M., Naim,J.,
Eisenhardt,G., Kuner,R., Lanahan,A., Worley,P., Spielvogel,D. and
Scheek,S.
TITLE      The m30 gene family and the utilization thereof
JOURNAL    Patent: WO 022138-A 40 14-MAR-2002;
Axaron Bioscience AG (DE)
FEATURES   Location/Qualifiers
source     1..22
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Beschreibung der kunstlichen Sequenz: Primer fur
            PCR-Reaktion zur Amplifikation von M30 des Menschen"

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 9.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2101 AGACGAGCTCTTGCTCTGTAC 2122
||||| ||||| ||||| ||||| |||||
Db 1 AGACAGAGCTCTTGCTCTGTGC 22

RESULT 786
CQ766173
LOCUS      CQ766173          23 bp      DNA      linear      PAT 03-MAR-2004
DEFINITION Sequence 134 from Patent WO2004005547.
ACCESSION  CQ766173
VERSION     CQ766173.1 GI:44908433
KEYWORDS   .
SOURCE     synthetic construct
ORGANISM   synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Weinzierl,R.
TITLE      Method
JOURNAL    Patent: WO 2004005547-A 134 15-JAN-2004;
IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
FEATURES   Location/Qualifiers
source     1..23
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="HS consensus sequence"

Query Match      0.8%; Score 18.8; DB 1; Length 23;
Best Local Similarity 90.9%; Pred. No. 9.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGCATGAG 2366
||||| ||||| ||||| ||||| |||||

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Db 1 GTGCTGGGATTACAGGTGTGAG 22

RESULT 787
AX183954/c
LOCUS      AX183954          24 bp      DNA      linear      PAT 06-AUG-2001
DEFINITION Sequence 1707 from Patent WO0142511.
ACCESSION  AX183954
VERSION     AX183954.1 GI:15135287
KEYWORDS   .
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
            Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE  1
AUTHORS    Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE      Ibd-related polymorphisms
JOURNAL    Patent: WO 0142511-A 1707 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipseis
            Biotherapeutics Corporation (CA)
FEATURES   Location/Qualifiers
source     1..24
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"

Query Match      0.8%; Score 18.8; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2274 GGCTTTCACCGTGTAGCCAGGA 2296
||||| ||||| ||||| ||||| |||||
Db 23 GGCTTTCACCAAGTTGCCAGGA 1

RESULT 788
AX042886
LOCUS      AX042886          25 bp      DNA      linear      PAT 23-NOV-2000
DEFINITION Sequence 452 from Patent WO0065088.
ACCESSION  AX042886
VERSION     AX042886.1 GI:11341494
KEYWORDS   .
SOURCE     synthetic construct
            synthetic construct
            artificial sequences.
REFERENCE  1
AUTHORS    Ulfendahl,P.J. and Wong,K.C.
TITLE      Primers for identifying typing or classifying nucleic acids
JOURNAL    Patent: WO 0065088-A 452 02-NOV-2000;
Amersham Pharmacia Biotech AB (SE)
FEATURES   Location/Qualifiers
source     1..25
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="HLA-C Homozygote Primer Sequence"

Query Match      0.8%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 9.5e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2046 TTTTCTTTCTTAAATATGTAT 2067
||||| ||||| ||||| ||||| |||||
Db 1 TTTTCTTTCTTGAATATGTAT 22

RESULT 789
AX259785
LOCUS      AX259785          25 bp      DNA      linear      PAT 26-OCT-2001
DEFINITION Sequence 12 from Patent WO0172822.
ACCESSION  AX259785
VERSION     AX259785.1 GI:16508859
KEYWORDS   .

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SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Hugot,J.P., Thomas,G., Zouali,M., Lesage,S. and Chamaillard,M.
 TITLE Genes involved in intestinal inflammatory diseases and use thereof
 JOURNAL Patent: WO 0172822-A 12 04-OCT-2001;
 Foundation Jean Dausset-Ceph (FR)
 FEATURES Location/Qualifiers
 source 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 Query Match 0.8%; Score 18.8; DB 1; Length 25;
 Best Local Similarity 90.9%; Pred. No. 9.5e+02;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 2341 CAAGTGTGGGATTACAGGCA 2362
 Db 2 CCAACTGCTGGATTACAGGCA 23
 RESULT 790
 LOCUS AX692836 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5568 from Patent EP1281758.
 ACCESSION AX692836
 VERSION AX692836.1 GI:29415799
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5568 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 Query Match 0.8%; Score 18.8; DB 1; Length 25;
 Best Local Similarity 90.9%; Pred. No. 9.5e+02;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 2090 TATTTTGTGAGACCGAGTCT 2111
 Db 1 TTTTGTGAGACCGAGTCT 22
 RESULT 791
 LOCUS AX692915 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5647 from Patent EP1281758.
 ACCESSION AX692915
 VERSION AX692915.1 GI:29415878
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5647 05-FEB-2003;
 Aeomica, Inc. (US)

FEATURES Location/Qualifiers
 source 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 Query Match 0.8%; Score 18.8; DB 1; Length 25;
 Best Local Similarity 90.9%; Pred. No. 9.5e+02;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 2173 CCGGGTTGCACCATTCCT 2194
 Db 4 CCTGGGTTACACCATTCCT 25
 RESULT 792
 LOCUS AX692988 25 bp DNA linear PAT 31-MAR-2003
 DEFINITION Sequence 5720 from Patent EP1281758.
 ACCESSION AX692988
 VERSION AX692988.1 GI:29415951
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 REFERENCE 1
 AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
 TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
 JOURNAL Patent: EP 1281758-A 5720 05-FEB-2003;
 Aeomica, Inc. (US)
 FEATURES Location/Qualifiers
 source 1..25
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"
 Query Match 0.8%; Score 18.8; DB 1; Length 25;
 Best Local Similarity 90.9%; Pred. No. 9.5e+02;
 Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 Qy 2246 CTAATTTTGTACTTTTAGTA 2267
 Db 4 CTAATATTTGTATTTTAGTA 25
 RESULT 793
 LOCUS AB3584 20 bp DNA linear PAT 21-JAN-2000
 DEFINITION Sequence 13 from Patent WO9849324.
 ACCESSION AB3584
 VERSION AB3584.1 GI:6732840
 KEYWORDS
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Matthijs,G.
 TITLE CARBOHYDRATE-DEFICIENT GLYCOPROTEIN SYNDROME TYPE I
 JOURNAL Patent: WO 9849324-A 13 05-NOV-1998;
 MATTHIJS GERT (BE); GENZYME LTD (GB)
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unidentified"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32644"
 Query Match 0.8%; Score 18.4; DB 1; Length 20;
 Best Local Similarity 95.0%; Pred. No. 9.2e+02;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Qy 2345 GTGCTGGATTACAGCATG 2364

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Db      1 GTGTTGGGATTACAGGCATG 20
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RESULT 794
LOCUS      A83598          20 bp      DNA      linear      PAT 21-JAN-2000
DEFINITION Sequence 27 from Patent WO9849324.
ACCESSION  A83598
VERSION     A83598.1 GI:6732854
KEYWORDS   .
SOURCE     unidentified
ORGANISM   unclassified.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Matthijs, G.
TITLE      CARBOHYDRATE-DEFICIENT GLYCOPROTEIN SYNDROME TYPE I
JOURNAL    Patent: WO 9849324-A 27 05-NOV-1998;
MATTHIJS GERT (BE); GENZYME LTD (GB)
FEATURES   Location/Qualifiers
            source
            1..20
            /organism="unidentified"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32644"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGGCATG 2364
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RESULT 795
LOCUS      AR043282          20 bp      DNA      linear      PAT 29-SEP-1999
DEFINITION Sequence 70 from patent US 5814457.
ACCESSION  AR043282
VERSION     AR043282.1 GI:5964290
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Kern, S.E. and Hahn, S.A.
TITLE      DPC4 polypeptide
JOURNAL    Patent: US 5814457-A 70 29-SEP-1998;
FEATURES   Location/Qualifiers
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAAGTGTGGGATTAC 2357
|||||
Db      1 TCCCAAAGTGTGGGATTTC 20
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RESULT 796
LOCUS      AR074937          20 bp      DNA      linear      PAT 28-AUG-2000
DEFINITION Sequence 70 from patent US 5955292.
ACCESSION  AR074937
VERSION     AR074937.1 GI:10001689
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 20)

AUTHORS    Kern, S.E. and Hahn, S.A.
TITLE      Tumor suppressor gene, DPC4
JOURNAL    Patent: US 5955292-A 70 21-SEP-1999;
FEATURES   Location/Qualifiers
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2338 TCCCAAAGTGTGGGATTAC 2357
|||||
Db      1 TCCCAAAGTGTGGGATTTC 20
|||||

AUTHORS    Kern, S.E. and Hahn, S.A.
TITLE      Tumor suppressor gene, DPC4
JOURNAL    Patent: US 5955292-A 70 21-SEP-1999;
FEATURES   Location/Qualifiers
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2179 TTGCACCATTCCTCGCCT 2198
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Db      1 TTCACACCATTCCTCGCCT 20
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RESULT 798
LOCUS      AR154610/c          20 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION Sequence 27 from patent US 6238921.
ACCESSION  AR154610
VERSION     AR154610.1 GI:15122663
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unknown.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Miraglia, L.J., Nero, P., Graham, M.J. and Monia, B.P.
TITLE      Antisense oligonucleotide modulation of human mdm2 expression
JOURNAL    Patent: US 6238921-A 27 29-MAY-2001;
FEATURES   Location/Qualifiers
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1695 TTTACATGTGCAAGAAGCT 1714
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Db      20 TTTACATGTGTAAGAAGCT 1
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RESULT 799
CQ755665/c
LOCUS          CQ755665          20 bp    DNA
DEFINITION     Sequence 166 from Patent WO2003106674.
ACCESSION      CQ755665
VERSION        CQ755665.1 GI:44846470
KEYWORDS       .
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE      1
AUTHORS        Otte,A.P., Kruckeberg,A.L. and Satijn,D.P.
TITLE          Means and methods for regulating gene expression
JOURNAL        Patent: WO 2003106674-A 166 24-DEC-2003;
               Chromagenics B.V. (NL)
FEATURES       Location/Qualifiers
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                /db_xref="taxon:32630"
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Query Match    0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCTGACCT 2316
Db      ||||| ||||| ||||| |||||
        20 TGGTCTAGATCTCTCTGACCT 1

RESULT 800
CQ757868/c
LOCUS          CQ757868          20 bp    DNA
DEFINITION     Sequence 172 from Patent WO2003106684.
ACCESSION      CQ757868
VERSION        CQ757868.1 GI:44847889
KEYWORDS       .
SOURCE         synthetic construct
ORGANISM       artificial sequences.
REFERENCE      1
AUTHORS        Otte,A.P., Kruckeberg,A.L. and Sewalt,R.G.
TITLE          A method for the simultaneous production of multiple proteins;
               vectors and cells for use therein
JOURNAL        Patent: WO 2003106684-A 172 24-DEC-2003;
               Chromagenics B.V. (NL)
FEATURES       Location/Qualifiers
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Query Match    0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTCTGACCT 2316
Db      ||||| ||||| ||||| |||||
        20 TGGTCTAGATCTCTCTGACCT 1

RESULT 801
CQ784081
LOCUS          CQ784081          20 bp    DNA
DEFINITION     Sequence 4221 from Patent EP1396543.
ACCESSION      CQ784081
VERSION        CQ784081.1 GI:45538569
KEYWORDS       .
SOURCE         synthetic construct
ORGANISM       synthetic construct

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artificial sequences.
REFERENCE      1
AUTHORS        Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
               Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
               Koga,H.
TITLE          Primers for synthesizing full length cDNA clones and their use
JOURNAL        Patent: EP 1396543-A 4221 10-MAR-2004;
               Research Association for Biotechnology (JP)
FEATURES       Location/Qualifiers
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Query Match    0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2263 TAGTAGAGACAGGGTTTCAC 2282
Db      ||||| ||||| ||||| |||||
        1 TAGTAGAGACGGGGTTTCAC 20

RESULT 802
CQ801618
LOCUS          CQ801618          20 bp    DNA
DEFINITION     Sequence 128 from Patent WO2004033723.
ACCESSION      CQ801618
VERSION        CQ801618.1 GI:47058208
KEYWORDS       .
SOURCE         Homo sapiens (human)
ORGANISM       Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE      1
AUTHORS        Mitchell,J. and de Bellerocche,J.
TITLE          Neurodegenerative disease-associated gene
JOURNAL        Patent: WO 2004033723-A 128 22-APR-2004;
               IMPERIAL COLLEGE INNOVATIONS LIMITED (GB)
FEATURES       Location/Qualifiers
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Query Match    0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2276 GTTTCACCGTGTAGCCAGG 2295
Db      ||||| ||||| ||||| |||||
        1 GTTTCACCGTGTAAACCAGG 20

RESULT 803
CQ819694/c
LOCUS          CQ819694          20 bp    DNA
DEFINITION     Sequence 7 from Patent WO2004046381.
ACCESSION      CQ819694
VERSION        CQ819694.1 GI:48715174
KEYWORDS       .
SOURCE         synthetic construct
ORGANISM       synthetic construct
               artificial sequences.
REFERENCE      1
AUTHORS        Ralston,S.
TITLE          Polymorphisms in th clcn7 gene as genetic markers for bone mass
JOURNAL        Patent: WO 2004046381-A 7 03-JUN-2004;
               The University Court of The University of Aberdeen (GB)
FEATURES       Location/Qualifiers
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/organism="synthetic construct"
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2142 GTGATCTTGGCTCACTGCAA 2161
Db 20 CGCATCTTGGCTCACTGCAA 1

RESULT 804
LOCUS I21054 20 bp DNA linear PAT 07-OCT-1996
DEFINITION Sequence 25 from patent US 5518880.
ACCESSION I21054
VERSION I21054.1 GI:1601408
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Leonard, W.J., Noguchi, M. and McBride, O. Wesley.
TITLE Methods for diagnosis of XSCID and kits thereof
JOURNAL Patent: US 5518880-A 25 21-MAY-1996;
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Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGCATGAGCCACCG 2372
Db 1 ATTACAGCATGAGCCACCG 20

RESULT 805
LOCUS I31429 20 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 341 from patent US 5582979.
ACCESSION I31429
VERSION I31429.1 GI:1822220
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weber, J.L.
TITLE Length polymorphisms in (dc-da).sub.n.(dg-dt).sub.n sequences and
method of using the same
JOURNAL Patent: US 5582979-A 341 10-DEC-1996;
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
Db 1 CCCAAAGTCTGGGATTACA 20

RESULT 806
LOCUS I82133

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LOCUS I82133 20 bp DNA linear PAT 10-JUN-1998
DEFINITION Sequence 70 from patent US 5712097.
ACCESSION I82133
VERSION I82133.1 GI:3210430
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Kern, S.E. and Hahn, S.A.
TITLE Tumor suppressor gene, DPC4
JOURNAL Patent: US 5712097-A 70 27-JAN-1998;
FEATURES
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Location/Qualifiers
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Query Match      0.8%; Score 18.4; DB 1; Length 20;
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QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGATTAC 20

RESULT 807
LOCUS AR195440 20 bp DNA linear PAT 20-APR-2002
DEFINITION Sequence 18 from patent US 6350868.
ACCESSION AR195440
VERSION AR195440.1 GI:20244877
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Weston, B.W. and Hiller, K.M.
TITLE Antisense human fucosyltransferase sequences and methods of use
JOURNAL Patent: US 6350868-A 18 26-FEB-2002;
FEATURES
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Location/Qualifiers
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/mol_type="unassigned DNA"

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2305 ATCTCCTGACCTGTGATCC 2324
Db 1 ATCTCCTGACCTGTGATCC 20

RESULT 808
LOCUS AR266075 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 82 from patent US 6492171.
ACCESSION AR266075
VERSION AR266075.1 GI:29694921
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia, B.P., Gaarde, W.A., Freier, S.M. and Wanciewicz, E.
TITLE Antisense modulation of TERT expression
JOURNAL Patent: US 6492171-A 82 10-DEC-2002;
FEATURES
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Location/Qualifiers
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Qy 2338 TCCCAAAGTGCTGGGATTAC 2357
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Db 1 TCCCAAAGTGCTGGGATTAC 20

SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y., Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and Koga,H.
TITLE Primer for synthesizing full-length cDNA and use thereof
JOURNAL Patent: JP 2002017375-A 3436 22-JAN-2002;
COMMENT HELIX RESEARCH INSTITUTE
OS Unidentified
PN JP 2002017375-A/3436
PD 22-JAN-2002
PF 07-JUL-2000 JP 2000253172
PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO
PI ISHII,
PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI
PI SHINICHI KOJIMA,
PI TETSUJI OTSUKI,HISASHI KOGA
PC
C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
10,
PC C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC
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synthesized primer
CC sequence
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QY 2263 TAGTAGACAGCGGGTTTCAC 2282
Db 1 TAGTAGACAGCGGGTTTCAC 20
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BD138101/c
LOCUS 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Antisense modulation of human MDM2 expression.
ACCESSION BD138101
VERSION BD138101.1 GI:23233046
KEYWORDS JP 2002508944-A/27.
SOURCE unidentified
ORGANISM unidentified
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowse,L.M.
TITLE Antisense modulation of human MDM2 expression
JOURNAL Patent: JP 2002508944-A 27 26-MAR-2002;
COMMENT ISIS PHARMACEUTICALS INC
OS Unidentified
PN JP 2002508944-A/27
PD 26-MAR-2002
PF 26-MAR-1999 JP 2000538025
PR 26-MAR-1998 US 09/048810
PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M
PI COWSE
PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//
PC C12Q1/68,
PC C12N15/00
CC Strandedness: Single;
CC Topology: Linear;
CC Antisense modulation of human MDM2 expression FH Key

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Best Local Similarity 95.0%; Pred. No. 9.2e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1695 TTACATGTCGAAGAAGCT 1714
Db 20 TTACATGTCGAAGAAGCT 1
RESULT 815
E31628
LOCUS 21 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
ACCESSION E31628
VERSION E31628.1 GI:13018538
KEYWORDS JP 2000023671-A/1.
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein
JOURNAL Patent: JP 2000023671-A 1 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/1
PD 25-JAN-2000
PR 10-JUL-1998 JP 1998195692
PI ICHIRO OHARA,ICHIRO NAKAYAMA,HIROSHI YASUE
PC C12N15/09,C12Q1/68,C12N15/00
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Query Match 0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGCATGAGCCAC 2370
Db 1 GGATTACAGCGCATGAGCCAC 20
RESULT 816
E31629
LOCUS 21 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.
ACCESSION E31629
VERSION E31629.1 GI:13018539
KEYWORDS JP 2000023671-A/2.
SOURCE synthetic construct


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ORGANISM      synthetic construct
REFERENCE      artificial sequences.
AUTHORS        1 (bases 1 to 21)
TITLE          Ichiro,O., Ichiro,N. and Hiroshi,Y.
               Method for distinguishing eucaryotic individual based on PCR finger
               print with the use of restriction primer of inter-SINE sequences
JOURNAL        NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT        Patent: JP 2000023671-A 2 25-JAN-2000;
               OS Artificial Sequence
               PN JP 2000023671-A/2
               PD 25-JAN-2000
               PF 10-JUL-1998 JP 1998195692
               PR
               PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
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Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGAGCCAC 2370
DB 1 GGATTACAGCGTGGAGCCAC 20
RESULT 817
E31630
LOCUS          21 bp DNA linear PAT 18-JUN-2001
DEFINITION    Method for distinguishing eucaryotic individual based on PCR finger
               print with the use of restriction primer of inter-SINE sequences
               and primer to be used therein.
ACCESSION     E31630
VERSION       E31630.1 GI:13018540
KEYWORDS      JP 2000023671-A/3.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE      1 (bases 1 to 21)
AUTHORS        Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE          Method for distinguishing eucaryotic individual based on PCR finger
               print with the use of restriction primer of inter-SINE sequences
               and primer to be used therein
JOURNAL        Patent: JP 2000023671-A 3 25-JAN-2000;
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COMMENT        OS Artificial Sequence
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               PD 25-JAN-2000
               PF 10-JUL-1998 JP 1998195692
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               PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
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Query Match      0.8%; Score 18.4; DB 1; Length 21;
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Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGAGCCAC 2370
DB 1 GGATTACAGCGTGGAGCCAC 20
RESULT 817
E31630
LOCUS          21 bp DNA linear PAT 18-JUN-2001
DEFINITION    Method for distinguishing eucaryotic individual based on PCR finger
               print with the use of restriction primer of inter-SINE sequences
               and primer to be used therein.
ACCESSION     E31630
VERSION       E31630.1 GI:13018540
KEYWORDS      JP 2000023671-A/3.
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE      1 (bases 1 to 21)
AUTHORS        Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE          Method for distinguishing eucaryotic individual based on PCR finger
               print with the use of restriction primer of inter-SINE sequences
               and primer to be used therein
JOURNAL        Patent: JP 2000023671-A 3 25-JAN-2000;
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               PD 25-JAN-2000
               PF 10-JUL-1998 JP 1998195692
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               PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
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Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGAGCCAC 2370
DB 1 GGATTACAGCGTGGAGCCAC 20

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Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2351 GGATTACAGCGTGGAGCCAC 2370
DB 1 GGATTACAGCGTGGAGCCAC 20
RESULT 818
AX116079
LOCUS          21 bp DNA linear PAT 11-MAY-2001
DEFINITION    Sequence 1202 from Patent WO0129262.
ACCESSION     AX116079
VERSION       AX116079.1 GI:14033021
KEYWORDS      synthetic construct
SOURCE        synthetic construct
ORGANISM      artificial sequences.
REFERENCE      1
AUTHORS        Picoult-Newburg,L. and Pohl,M.
TITLE          Genotyping reagents, kits and methods of use thereof
JOURNAL        Patent: WO 0129262-A 1202 26-APR-2001;
               Orchid BioSciences, Inc. (US)
FEATURES       source
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               /db_xref='taxon:32630'
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Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2187 ATTCTCTGCTCGCTCAGCTCC 2206
DB 2 ATTCTCTGCTCGCTCAGCTCC 21
RESULT 819
AX146124
LOCUS          21 bp DNA linear PAT 31-MAY-2001
DEFINITION    Sequence 315 from Patent WO0134840.
ACCESSION     AX146124
VERSION       AX146124.1 GI:14284642
KEYWORDS      Homo sapiens (human)
SOURCE        Homo sapiens
ORGANISM      Homo sapiens
REFERENCE      1
AUTHORS        Au,K.G., Chen,J.G., Patil,N. and Thomas,D.
TITLE          Genetic compositions and methods
JOURNAL        Patent: WO 0134840-A 315 17-MAY-2001;
               GLAXO GROUP LIMITED (GB) ; Affymetrix, Inc. (US)
FEATURES       source
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               /organism='Homo sapiens'
               /mol_type='unassigned DNA'
               /db_xref='taxon:9606'
               /note='n' represents a polymorphic base'
variation
               1..21
Query Match      0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 9.4e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2319 TGATCGCCCGACCTCGGCTC 2339
DB 1 TGATCGCCCGACCTCGGCTC 21
RESULT 820
E31631

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LOCUS E31631 22 bp DNA linear PAT 18-JUN-2001
 DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31631.1 GI:13018541
 VERSION E31631.1
 KEYWORDS JP 2000023671-A/4.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
 TITLE Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences

JOURNAL and primer to be used therein

Patent: JP 2000023671-A 4 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/4

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

PC C12N15/09, C12Q1/68, C12N15/00

CC C12N15/09, C12Q1/68, C12N15/00

Key Location/Qualifiers

FT source 1..22

FT Location/Qualifiers

1..22 /organism='Artificial Sequence'.

/organism='synthetic construct'

/mol_type='genomic DNA'

/db_xref='taxon:32630'

Query Match 0.8%; Score 18.4; DB 1; Length 22;

Best Local Similarity 95.0%; Pred. No. 9.5e+02;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370
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 Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 821

E31632

LOCUS

DEFINITION E31632 22 bp DNA linear PAT 18-JUN-2001
 Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31632

VERSION E31632.1 GI:13018542

KEYWORDS JP 2000023671-A/5.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein

Patent: JP 2000023671-A 5 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/5

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

PC C12N15/09, C12Q1/68, C12N15/00

CC C12N15/09, C12Q1/68, C12N15/00

Key Location/Qualifiers

FT source 1..22

FT /organism='Artificial Sequence'.

FEATURES
 source

Location/Qualifiers

1..22

/organism='synthetic construct'

/mol_type='genomic DNA'

/db_xref='taxon:32630'

Query Match

Best Local Similarity 0.8%; Score 18.4; DB 1; Length 22;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370
 |||||
 Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 822

E31633

LOCUS

DEFINITION E31633 22 bp DNA linear PAT 18-JUN-2001
 Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31633

VERSION E31633.1 GI:13018543

KEYWORDS JP 2000023671-A/6.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences

and primer to be used therein

Patent: JP 2000023671-A 6 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/6

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

PC C12N15/09, C12Q1/68, C12N15/00

CC C12N15/09, C12Q1/68, C12N15/00

Key Location/Qualifiers

FT source 1..22

FT /organism='Artificial Sequence'.

/organism='synthetic construct'

/mol_type='genomic DNA'

/db_xref='taxon:32630'

FEATURES
 source

Location/Qualifiers

1..22

/organism='synthetic construct'

/mol_type='genomic DNA'

/db_xref='taxon:32630'

Query Match

Best Local Similarity 0.8%; Score 18.4; DB 1; Length 22;

Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGCATGAGCCAC 2370
 |||||
 Db 1 GGATTACAGCGCATGAGCCAC 20

RESULT 823

E31634

LOCUS

DEFINITION E31634 22 bp DNA linear PAT 18-JUN-2001
 Method for distinguishing eucaryotic individual based on PCR finger
 print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31634

VERSION E31634.1 GI:13018544

KEYWORDS JP 2000023671-A/7.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

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AUTHORS      Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE        Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences

JOURNAL      Patent: JP 2000023671-A 7 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

COMMENT      OS Artificial Sequence
              PN JP 2000023671-A/7
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
              PC C12N15/09, C12Q1/68, C12N15/00
              CC
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              FT source 1..22
              FT Location/Qualifiers
              FT 1..22 /organism='Artificial Sequence'.
              FT /organism='synthetic construct'
              FT /mol_type='genomic DNA'
              FT /db_xref='taxon:32630'

Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGTGAGCCAC 2370
Db 1 GGATTACAGCGTGAGCCAC 20

RESULT 824
E31635
LOCUS      22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein.
ACCESSION E31635
VERSION 1 GI:13018545
KEYWORDS JP 2000023671-A/8.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL Patent: JP 2000023671-A 8 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT OS Artificial Sequence
              PN JP 2000023671-A/8
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
              PC C12N15/09, C12Q1/68, C12N15/00
              CC
              FH Key Location/Qualifiers
              FT source 1..22
              FT Location/Qualifiers
              FT 1..22 /organism='Artificial Sequence'.
              FT /organism='synthetic construct'
              FT /mol_type='genomic DNA'
              FT /db_xref='taxon:32630'

Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGTGAGCCAC 2370

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Db 1 GGATTACAGCGTGAGCCAC 20

RESULT 825
E31636
LOCUS      22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein.
ACCESSION E31636
VERSION 1 GI:13018546
KEYWORDS JP 2000023671-A/9.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL Patent: JP 2000023671-A 9 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT OS Artificial Sequence
              PN JP 2000023671-A/9
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
              PC C12N15/09, C12Q1/68, C12N15/00
              CC
              FH Key Location/Qualifiers
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              FT Location/Qualifiers
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              FT /organism='synthetic construct'
              FT /mol_type='genomic DNA'
              FT /db_xref='taxon:32630'

Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGCGTGAGCCAC 2370
Db 1 GGATTACAGCGTGAGCCAC 20

RESULT 826
E31637
LOCUS      22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein.
ACCESSION E31637
VERSION 1 GI:13018547
KEYWORDS JP 2000023671-A/10.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
              print with the use of restriction primer of inter-SINE sequences
              and primer to be used therein
JOURNAL Patent: JP 2000023671-A 10 25-JAN-2000;
              NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
COMMENT OS Artificial Sequence
              PN JP 2000023671-A/10
              PD 25-JAN-2000
              PF 10-JUL-1998 JP 1998195692
              PR

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PI  ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC  C12N15/09, C12Q1/68, C12N15/00
CC
FH  Key Location/Qualifiers
FT  source 1..22
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            /organism="synthetic construct"
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Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2351 GGATTACAGCGTCGAGCCAC 2370
Db 1 GGATTACAGCGTCGAGCCAC 20

RESULT 827
E31638
LOCUS
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
            and primer to be used therein.
E31638
ACCESSION E31638
VERSION E31638.1 GI:13018548
KEYWORDS JP 2000023671-A/11.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiho, O., Ichiho, N. and Hiroshi, Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
        print with the use of restriction primer of inter-SINE sequences
        and primer to be used therein
        Patent: JP 2000023671-A 11 25-JAN-2000;
        NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
JOURNAL
COMMENT
OS Artificial Sequence
PN JP 2000023671-A/11
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR
PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..22
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            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2351 GGATTACAGCGTCGAGCCAC 2370
Db 1 GGATTACAGCGTCGAGCCAC 20

RESULT 828
E31639
LOCUS
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
            print with the use of restriction primer of inter-SINE sequences
            and primer to be used therein.
E31639
ACCESSION E31639
VERSION E31639.1 GI:13018549
KEYWORDS JP 2000023671-A/12.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiho, O., Ichiho, N. and Hiroshi, Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
        print with the use of restriction primer of inter-SINE sequences
        and primer to be used therein
        Patent: JP 2000023671-A 12 25-JAN-2000;
        NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
JOURNAL
COMMENT
OS Artificial Sequence
PN JP 2000023671-A/12
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR
PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..22
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            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2351 GGATTACAGCGTCGAGCCAC 2370
Db 1 GGATTACAGCGTCGAGCCAC 20

RESULT 829
E31639
LOCUS
DEFINITION Sequence 49 from Patent WO2072882.
ACCESSION AX609024
VERSION AX609024.1 GI:28404453
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Cullen, P. and Seedorf, U.
AUTHORS Coronary chip
TITLE Patent: WO 02072882-A 49 19-SEP-2002;
JOURNAL OGHAM GmbH (DE)
FEATURES
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        Location/Qualifiers
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            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
Query Match 0.8%; Score 18.4; DB 1; Length 23;
Best Local Similarity 95.0%; Pred. No. 9.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2185 CCATTCTCCTGCTCAGCCT 2204
Db 21 CGATTCTCCTGCTCAGCCT 2

RESULT 830
AR154030/c
LOCUS
DEFINITION Sequence 80 from patent US 6238863.

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VERSION E31639.1 GI:13018549
KEYWORDS JP 2000023671-A/12.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiho, O., Ichiho, N. and Hiroshi, Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
        print with the use of restriction primer of inter-SINE sequences
        and primer to be used therein
        Patent: JP 2000023671-A 12 25-JAN-2000;
        NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
JOURNAL
COMMENT
OS Artificial Sequence
PN JP 2000023671-A/12
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR
PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source 1..22
FEATURES
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        Location/Qualifiers
            1..22
            /organism="Artificial Sequence".
            /organism="synthetic construct"
            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
Query Match 0.8%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 9.5e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2351 GGATTACAGCGTCGAGCCAC 2370
Db 1 GGATTACAGCGTCGAGCCAC 20

RESULT 829
E31639
LOCUS
DEFINITION Sequence 49 from Patent WO2072882.
ACCESSION AX609024
VERSION AX609024.1 GI:28404453
KEYWORDS Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 Cullen, P. and Seedorf, U.
AUTHORS Coronary chip
TITLE Patent: WO 02072882-A 49 19-SEP-2002;
JOURNAL OGHAM GmbH (DE)
FEATURES
    source
        Location/Qualifiers
            1..23
            /organism="Homo sapiens"
            /mol_type="unassigned DNA"
            /db_xref="taxon:9606"
Query Match 0.8%; Score 18.4; DB 1; Length 23;
Best Local Similarity 95.0%; Pred. No. 9.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2185 CCATTCTCCTGCTCAGCCT 2204
Db 21 CGATTCTCCTGCTCAGCCT 2

RESULT 830
AR154030/c
LOCUS
DEFINITION Sequence 80 from patent US 6238863.

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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 19;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19

RESULT 835
LOCUS
DEFINITION Sequence 1 from patent US 5578493.
ACCESSION 129969
VERSION 129969.1 GI:1820760
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .19
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 19;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19

RESULT 836
LOCUS
DEFINITION Sequence 1 from Patent WO9851790.
ACCESSION AX033909
VERSION AX033909.1 GI:10280477
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .19
/organism="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 19;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19

RESULT 837
LOCUS
DEFINITION Sequence 1 from Patent WO9726331.
ACCESSION A64524
VERSION A64524.1 GI:3717923
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
FEATURES
source
1. .23
/organism="unassigned DNA"
/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACACCTGGCTAA 2249
Db 23 CATGTGCCACACATCTGGCTAA 1

RESULT 838
LOCUS
DEFINITION Sequence 137 from Patent WO2004005547.
ACCESSION CQ766176
VERSION CQ766176.1 GI:44908436
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source
1. .23
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="HS consensus sequence"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 23;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2345 GTCTCGGATTACAGCATGAGC 2367
Db 1 GTCTGGGATCACAGGTGTGAGC 23

RESULT 839
LOCUS
DEFINITION Sequence 16 from patent US 6429011.
ACCESSION AR222091
VERSION AR222091.1 GI:23329461
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
1 (bases 1 to 23)
Mackenzie,A.E., Korneluk,R.G., Roy,N., Mahadevan,M.S., McLean,M.

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/db_xref="taxon:32644"

Query Match
Best Local Similarity 0.8%; Score 18.2; DB 1; Length 24;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCACT 2139
Db 23 TATACCCAGGCTGGAGTGCAAT 1

RESULT 844
AR094528/c
LOCUS AR094528 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 30 from patent US 6001652.
ACCESSION AR094528
VERSION AR094528.1 GI:10021535
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Monia,B.P., Baker,B.F. and Cowsett,L.M.
TITLE Antisense modulation of cREL expression
JOURNAL Patent: US 6001652-A 30 14-DEC-1999;
FEATURES
source
Location/Qualifiers
1..18
/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 18; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTGTGGGATTACA 2358
Db 18 CAAAGTGTGGGATTACA 1

RESULT 845
AR140525
LOCUS AR140525 18 bp DNA linear PAT 16-JUN-2001
DEFINITION Sequence 9 from patent US 6207801.
ACCESSION AR140525
VERSION AR140525.1 GI:14483021
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Alnemri,E.S.
TITLE FADD-like anti-apoptotic molecules, methods of using the same, and
compositions for and methods of making the same
JOURNAL Patent: US 6207801-A 9 27-MAR-2001;
FEATURES
source
Location/Qualifiers
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/organism="unknown"
/mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.8%; Score 18; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTGCTGG 2351
Db 1 GGCTCCCAAGTGCTGG 18

RESULT 846
AR343036
LOCUS AR343036 18 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 9 from patent US 6576751.
ACCESSION AR343036

VERSION AR343036.1 GI:33738354
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Alnemri,E.S.
TITLE FADD-like anti-apoptotic molecules, methods of using the same, and
compositions for and methods of making the same
JOURNAL Patent: US 6576751-A 9 10-JUN-2003;
FEATURES
source
Location/Qualifiers
1..18
/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.8%; Score 18; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTGCTGG 2351
Db 1 GGCTCCCAAGTGCTGG 18

RESULT 847
AR392161/c
LOCUS AR392161 18 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 2 from patent US 6613750.
ACCESSION AR392161
VERSION AR392161.1 GI:40116138
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Depinho,R.A.
TITLE Method of inhibiting cell proliferation using an anti-oncogene
protein
JOURNAL Patent: US 6613750-A 2 02-SEP-2003;
FEATURES
source
Location/Qualifiers
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/organism="unknown"
/mol_type="genomic DNA"

Query Match
Best Local Similarity 0.8%; Score 18; DB 1; Length 18;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCCTTCG 1288
Db 18 CAGATGTTGGCCCTTCG 1

RESULT 848
BD093444
LOCUS BD093444 18 bp DNA linear PAT 27-AUG-2002
DEFINITION FADD-like anti-apoptotic molecules, methods of using the same, and
compositions for and methods of making the same.
ACCESSION BD093444
VERSION BD093444.1 GI:226319032
KEYWORDS JP 2001527419-A/6.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 18)
AUTHORS Alnemri,E.S.
TITLE FADD-like anti-apoptotic molecules, methods of using the same, and
compositions for and methods of making the same
JOURNAL Patent: JP 2001527419-A 6 25-DEC-2001;
COMMENT THOMAS JEFFERSON UNIVERSITY
PN JP 2001527419-A/6
PD 25-DEC-2001
PP 20-MAY-1998 JP 1998550515
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PR 20-MAY-1997 US 08/859167
PI EMAD S ALNEMRI
PC C07H21/04,G01N33/48,G01N33/53,G01N33/574,C12P21/06,C07K16/00
CC Strandedness: Single;
CC Topology: Linear;
FH Key Location/Qualifiers.
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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2334 GGCCTCCCAAGTCTCG 2351
Db 1 GGCCTCCCAAGTCTCG 18
LOCUS AR451453 19 bp DNA linear PAT 20-FEB-2004
DEFINITION Sequence 98 from patent US 6673917.
ACCESSION AR451453
VERSION AR451453.1 GI:42682478
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE
    1 (bases 1 to 19)
AUTHORS Korneluk,R.G., LaCasse,E., Baird,S., Holcik,M. and Young,S.
TITLE Antisense iAP nucleic acids and uses thereof
JOURNAL Patent: US 6673917-A 98 06-JAN-2004;
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            /mol_type="genomic DNA"
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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2189 TCTCCTGCCTCAGCTCC 2206
Db 19 TCTCCTGCCTCAGCTCC 2
LOCUS AX114983 19 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 106 from Patent WO0129262.
ACCESSION AX114983
VERSION AX114983.1 GI:14031925
KEYWORDS
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
    1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 106 26-APR-2001;
Orchid BioSciences, Inc. (US)
FEATURES
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            /note="Primer"
Query Match
Best Local Similarity 0.8%; Score 18; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 19 CAGGCTGGAGTGCAGTGG 2
LOCUS AX133851 19 bp DNA linear PAT 15-MAY-2001
DEFINITION Sequence 37 from Patent WO0119856.
ACCESSION AX133851
VERSION AX133851.1 GI:14139803
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
    1
AUTHORS Shimkets,R.A., Fernandes,E., Herrmann,J.L., Liu,X., Yang,M. and
    Boldog,F.L.
TITLE Secreted human proteins, polynucleotides encoding them and methods
    of using the same
JOURNAL Patent: WO 0119856-A 37 22-MAR-2001;
Curagen Corporation (US)
FEATURES
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="Ag121 forward primer"
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Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2123 CCAGGCTGGAGTGCAGTG 2140
Db 2 CCAGGCTGGAGTGCAGTG 19
LOCUS AX411998 19 bp DNA linear PAT 14-JUN-2002
DEFINITION Sequence 98 from Patent WO0226968.
ACCESSION AX411998
VERSION AX411998.1 GI:21444463
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
    1
AUTHORS Korneluk,R.G., Lacasse,E., Baird,S., Holcik,M. and Young,S.
TITLE Antisense iap nucleic acids and uses thereof
JOURNAL Patent: WO 0226968-A 98 04-APR-2002;
University of Ottawa (CA); Aegera Therapeutics Inc. (CA)
FEATURES
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="based on Homo sapiens"
Query Match
Best Local Similarity 0.8%; Score 18; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2189 TCTCCTGCCTCAGCTCC 2206
Db 19 TCTCCTGCCTCAGCTCC 2
LOCUS AX411998/c
DEFINITION Sequence 98 from Patent WO0226968.
ACCESSION AX411998
VERSION AX411998.1 GI:21444463
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE
    1
AUTHORS Korneluk,R.G., Lacasse,E., Baird,S., Holcik,M. and Young,S.
TITLE Antisense iap nucleic acids and uses thereof
JOURNAL Patent: WO 0226968-A 98 04-APR-2002;
University of Ottawa (CA); Aegera Therapeutics Inc. (CA)
FEATURES
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            /db_xref="taxon:32630"
            /note="based on Homo sapiens"
Query Match
Best Local Similarity 100.0%; Pred. No. 9.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
RESULT 853
BD143839

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LOCUS BD143839 19 bp DNA linear PAT 17-JAN-2003
DEFINITION Method of examining allergic disease.
ACCESSION BD143839
VERSION BD143839.1 GI:27849597
KEYWORDS JP 2002095500-A/7.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Sugita,Y., Hashida,R., Ogawa,K., Obayashi,M., Nagasu,T. and Tsujimoto,K.
TITLE Method of examining allergic disease
JOURNAL Patent: JP 2002095500-A 7 02-APR-2002;
COMMENT GENOX RESEARCH INC.THE DIRECTOR OF NATIONAL CHILDREN'S HOSPITAL
OS Artificial Sequence
PN JP 2002095500-A/7
PD 02-APR-2002
PF 25-SEP-2000 JP 2002091316
PI YUJI SUGITA,RYOICHI HASHIDA,KAORU OGAWA,MASAYA OBAYASHI, PI
TAKESHI NAGASU,
PI KOZO TSUJIMOTO
PC C12Q1/68,A01K67/027,A61K31/7088,A61K31/711,A61K45/00,A61P37/08, PC
C07K14/47,
PC C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/10,C12N5/10 PC
,C12N15/09,C12P21/02,
PC C12Q1/02,G01N33/15,G01N33/50/C12P21/08,C12N5/00,C12N5/00, PC
C12N15/00
CC Description of Artificial Sequence:an artificially synthesized
CC sequence primer
CC key Location/Qualifiers
FH key 1..19
FT source 1..19
FT Location/Qualifiers
FEATURES 1..19
source /organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2354 TTACAGGCATGAGCCACC 2371
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Db 1 TTACAGGCATGAGCCACC 18
RESULT 854
AB069490
LOCUS AB069490 19 bp DNA linear SYN 21-MAY-2003
DEFINITION Synthetic construct DNA, forward primer for human STS sts-A009X34 at lp36.
ACCESSION AB069490
VERSION AB069490.1 GI:15130294
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Chen,Y.Z., Hayaishi,Y., Wu,J.G., Takaoka,E., Maekawa,K., Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H., Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A. and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human Chromosome 1p35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.

TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai, Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp, Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES Location/Qualifiers
source 1..19
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature 1..19
/note="forward primer for human STS sts-A009X34 at lp36 sts-A009X34 obtained from clones B61B17, B86A23, B268112, B316H11, B26P17, Human BAC library RPCI-11"
Query Match 0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2188 TTCTCCTGCTCAGCCTC 2205
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Db 2 TTCTCCTGCTCAGCCTC 19
RESULT 855
CQ758933/c
LOCUS CQ758933 20 bp DNA linear PAT 01-MAR-2004
DEFINITION Sequence 57 from Patent WO2003104489.
ACCESSION CQ758933
VERSION CQ758933.1 GI:44848937
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and Reichwald,K.
TITLE Mchrl variant associated with human obesity
JOURNAL Patent: WO 2003104489-A 57 18-DEC-2003;
Philipps-Universitaet Marburg (DE)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer ABr"
Query Match 0.8%; Score 18; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2275 GGTTTCACCGTGTAGCC 2292
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Db 18 GGTTTCACCGTGTAGCC 1
RESULT 856
AR232228/c
LOCUS AR232228 20 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 18 from patent US 6455307.
ACCESSION AR232228
VERSION AR232228.1 GI:27274220
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS McKay,R., Freter,S.M. and Wyatt,J.
TITLE Antisense modulation of casein kinase 2-alpha prime expression
JOURNAL Patent: US 6455307-A 18 24-SEP-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"

/mol_type="genomic DNA"

Query Match 0.8%; Score 18; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 9.6e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGCTGGAGTGCAGTGG 2141
 Db 20 CAGCTGGAGTGCAGTGG 3

RESULT 857
 AR337079/c

LOCUS AR337079 20 bp DNA linear PAT 17-AUG-2003
 DEFINITION Sequence 4 from patent US 6566135.
 ACCESSION AR337079
 VERSION AR337079.1 GI:33722933
 KEYWORDS
 SOURCE Unknown.

ORGANISM

REFERENCE 1 (bases 1 to 20)
 AUTHORS Watt,A.T.
 TITLE Antisense modulation of caspase 6 expression
 JOURNAL Patent: US 6566135-A 4 20-MAY-2003;
 FEATURES Location/Qualifiers
 source 1..20
 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.8%; Score 18; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 9.6e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCT 2204
 Db 18 ATTCTCTGCTCAGCCT 1

RESULT 858
 AR146837

LOCUS AR146837 22 bp DNA linear PAT 08-AUG-2001
 DEFINITION Sequence 87 from patent US 6218529.
 ACCESSION AR146837
 VERSION AR146837.1 GI:15110026
 KEYWORDS
 SOURCE Unknown.

ORGANISM

REFERENCE 1 (bases 1 to 22)
 AUTHORS An,G., O'Hara,S,Mark., Ralph,D. and Veltri,R.
 TITLE Biomarkers and targets for diagnosis, prognosis and management of prostate, breast and bladder cancer
 JOURNAL Patent: US 6218529-A 87 17-APR-2001;
 FEATURES Location/Qualifiers
 source 1..22
 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.8%; Score 18; DB 1; Length 22;
 Best Local Similarity 100.0%; Pred. No. 9.9e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGGA 2353
 Db 5 CCTCCCAAGTGTGGGA 22

RESULT 859
 BD085495/c

LOCUS BD085495 22 bp DNA linear PAT 27-AUG-2002
 DEFINITION Method for identifying HPV infection type.
 ACCESSION BD085495

VERSION BD085495.1 GI:22631105
 KEYWORDS JP 2001321168-A/68.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.
 1 (bases 1 to 22)

REFERENCE 1 (bases 1 to 22)
 AUTHORS Sasagawa,T.
 TITLE Method for identifying HPV infection type
 JOURNAL Patent: JP 2001321168-A 68 20-NOV-2001;
 TOSHIYUKI SASAGAWA

COMMENT OS Artificial Sequence
 PN JP 2001321168-A/68
 PD 20-NOV-2001

PF 12-MAY-2000 JP 2000140602

PI TOSHIYUKI SASAGAWA

PC C12N15/09,C12Q1/68//G01N33/569

CC r:a/g, w:a/t, y:c/t, k:g/t

CC Designed peptide based on HPV virus genome types FH Key

Location/Qualifiers

FT source 1..22

FT Location/Qualifiers

1..22 /organism="Artificial Sequence".

Location/Qualifiers

1..22 /organism="synthetic construct"

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/db_xref="taxon:32630"

Query Match 0.8%; Score 18; DB 1; Length 22;

Best Local Similarity 100.0%; Pred. No. 9.9e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTCAGATGAAGATGATGA 1132

Db 18 CTCAGATGAAGATGATGA 1

RESULT 860

LOCUS I34288 21 bp DNA linear PAT 06-FEB-1997
 DEFINITION Sequence 2 from patent US 5597694.
 ACCESSION I34288
 VERSION I34288.1 GI:1825079
 KEYWORDS
 SOURCE Unknown.

ORGANISM

REFERENCE 1 (bases 1 to 21)

AUTHORS Munroe,D.J. and Housman,D.E.

TITLE Interspersed repetitive element-bubble amplification of nucleic acids

JOURNAL Patent: US 5597694-A 2 28-JAN-1997;

FEATURES Location/Qualifiers

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/organism="unknown"

/mol_type="unassigned DNA"

Query Match 0.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 9.9e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCTC 2165

Db 21 ATCTGGCTCACTGCAAGCTC 1

RESULT 861

LOCUS AR242941/c 21 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 87 from patent US 6475739.
 ACCESSION AR242941
 VERSION AR242941.1 GI:27289603
 KEYWORDS
 SOURCE Unknown.

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ORGANISM Unknown.
REFERENCE 1 (bases 1 to 21)
AUTHORS Brunkow,M.E., Proll,S., Paepfer,B. and Staehling-Hampton,K.
TITLE Methods for identifying genomic deletions
JOURNAL Patent: US 6475739-A 87 05-NOV-2002;
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            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTCGTGATCGGCCACCT 2332
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Db 21 GACCTTGTGATCGGCCGCCT 1

RESULT 862
AX384993/c
LOCUS AX384993 21 bp DNA linear PAT 19-MAR-2002
DEFINITION Sequence 87 from Patent WO0210455.
ACCESSION AX384993
VERSION AX384993.1 GI:19578121
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Brunkow,M.E., Proll,S. and Paepfer,B.
TITLE Methods for identifying genomic deletions
JOURNAL Patent: WO 0210455-A 87 07-FEB-2002;
        Celltech R & D, Inc. (US) ; Straehling-Hampton, Karen (US)
FEATURES
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            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32630"
            /note="PCR primer"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTCGTGATCGGCCACCT 2332
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Db 21 GACCTTGTGATCGGCCGCCT 1

RESULT 863
AX741032
LOCUS AX741032 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 6 from Patent WO03027328.
ACCESSION AX741032
VERSION AX741032.1 GI:30523893
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 6 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
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            /organism="synthetic construct"
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/note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGCTCTCGATCTCC 2310
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Db 1 GCCAGGCTGCTCTCGAATCC 21

RESULT 864
AX741044/c
LOCUS AX741044 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 18 from Patent WO03027328.
ACCESSION AX741044
VERSION AX741044.1 GI:30523905
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 18 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
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            /db_xref="taxon:32630"
            /note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGCTCTCGATCTCC 2310
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Db 1 GCCAGGCTGCTCTCGAATCC 21

RESULT 865
AX741051
LOCUS AX741051 21 bp DNA linear PAT 10-MAY-2003
DEFINITION Sequence 25 from Patent WO03027328.
ACCESSION AX741051
VERSION AX741051.1 GI:30523912
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
        artificial sequences.
REFERENCE 1
AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J.J. and Williams,B.F.
TITLE Methods, kits and compositions pertaining to the suppression of
        detectable probe binding to randomly distributed repeat sequences
        in genomic nucleic acid
JOURNAL Patent: WO 03027328-A 25 03-APR-2003;
        Boston Probes, Inc. (US) ; DakoCytomation Denmark A/S (DK)
FEATURES
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            /mol_type="genomic DNA"
            /db_xref="taxon:32630"
            /note="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match
Best Local Similarity 0.8%; Score 17.8; DB 1; Length 21;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2290 GCCAGGATGCTCTCGATCTCC 2310
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Db 21 GCCAGGCTGCTCTCGAATCC 1
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Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2117 TGTACCAGGCTGGAGTCA 2137
Db 1 TGTGCCAGGCTGGAGTCA 21

RESULT 866

AX785478
LOCUS AX785478 21 bp DNA linear PAT 17-JUL-2003
DEFINITION Sequence 89 from Patent WO03050301.
ACCESSION AX785478
VERSION AX785478.1 GI:32953098

KEYWORDS synthetic construct
ORGANISM synthetic construct
SOURCE artificial sequences.

REFERENCE 1

AUTHORS Gurling,H.M.
TITLE Susceptibility locus for schizophrenia
JOURNAL Patent: WO 03050301-A 89 19-JUN-2003;
Gurling, Hugh Malcolm Douglas (GB)

FEATURES

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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.8%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 9.9e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2338 TCCCAAGTCTGGATTACA 2358

Db 1 TCCGAAGTCTAGATTACA 21

RESULT 867

AX474262/c
LOCUS AX474262 22 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 23 from Patent EP1223218.
ACCESSION AX474262

VERSION AX474262.1 GI:22213875
KEYWORDS Abies alba

SOURCE

Abies alba
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Coniferopsida; Coniferales; Pinaceae; Abies.

REFERENCE 1

AUTHORS Fraser,C.C.
TITLE Cd2000 and cd2001 molecules and uses thereof
JOURNAL Patent: EP 1223218-A 23 17-JUL-2002;
Millennium Pharmaceuticals, Inc. (US)

FEATURES

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/organism="Abies alba"
/mol_type="unassigned DNA"
/db_xref="taxon:45372"

Query Match 0.8%; Score 17.8; DB 1; Length 22;

Best Local Similarity 90.5%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2185 CCATTCTCGCTCAGCCTC 2205

Db 22 CGATTCTCGCTCAGTCTC 2

RESULT 868

CQ787032/c
LOCUS CQ787032 23 bp DNA linear PAT 24-MAR-2004
DEFINITION Sequence 38 from Patent WO2004020661.

ACCESSION CQ787032
VERSION CQ787032.1 GI:45722015

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Sendtner,M. and Boemmel,H.
TITLE Test system for the discovery of active agents in nerve cell diseases
JOURNAL Patent: WO 2004020661-A 38 11-MAR-2004;
Medinnova Gesellschaft fuer Medizinische Innovation en aus Akademischer Forschung mbH (DE)

FEATURES

source
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Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.8%; Score 17.8; DB 1; Length 23;

Best Local Similarity 90.5%; Pred. No. 1e+03;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2341 CAAAGTCTGGATTACAGGC 2361

Db 22 CAAAGTCTGAGATTGCAGGC 2

RESULT 869

AX116951
LOCUS AX116951 23 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2074 from Patent WO0129262.
ACCESSION AX116951

VERSION AX116951.1 GI:14033893
KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Ficoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 2074 26-APR-2001;
Orchid BioSciences, Inc. (US)

FEATURES

source
1..23
Location/Qualifiers
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.8%; Score 17.8; DB 1; Length 23;

Best Local Similarity 82.6%; Pred. No. 1e+03;

Matches 19; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 2327 CCACCTCGGCTCCCAAGTCT 2349

Db 1 CTACTTCTGCTCCYAAAGTCT 23

RESULT 870

AR074597/c
LOCUS AR074597 19 bp DNA linear PAT 28-AUG-2000
DEFINITION Sequence 14 from patent US 5955265.
ACCESSION AR074597

VERSION AR074597.1 GI:10001350
KEYWORDS Unknown.

SOURCE Unknown.

ORGANISM Unclassified.

REFERENCE 1

(bases 1 to 19)
AUTHORS Brook,J.David., Housman,D.E., Shaw,D.J., Harley,H.G. and Johnson,K.J.

```

TITLE      DNA sequence encoding the myotonic dystrophy gene and uses thereof
JOURNAL    Patent: US 5955265-A 14 21-SEP-1999;
FEATURES   Location/Qualifiers
            source
            1..19
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            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.7%; Score 17.6; DB 1; Length 19;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 871
LOCUS      AR083936
DEFINITION Sequence 14 from patent US 5977333.
ACCESSION AR083936
VERSION    AR083936.1 GI:10010707
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Brook,J.David., Housman,D.E., Shaw,D.J., Harley,H.G. and
            Johnson,K.J.
TITLE      DNA sequence encoding the myotonic dystrophy gene and uses thereof
JOURNAL    Patent: US 5977333-A 14 02-NOV-1999;
FEATURES   Location/Qualifiers
            source
            1..19
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.7%; Score 17.6; DB 1; Length 19;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 872
LOCUS      I23816
DEFINITION Sequence 2 from patent US 5538869.
ACCESSION I23816
VERSION    I23816.1 GI:1603686
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Siciliano,M.J. and Liu,P.
TITLE      In-situ hybridization probes for identification and banding of
            specific human chromosomes and regions
JOURNAL    Patent: US 5538869-A 2 23-JUL-1996;
FEATURES   Location/Qualifiers
            source
            1..19
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.7%; Score 17.6; DB 1; Length 19;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 19 CAGGCTGGAGTGCARTGG 2

TITLE      DNA sequence encoding the myotonic dystrophy gene and uses thereof
JOURNAL    Patent: US 5977333-A 14 02-NOV-1999;
FEATURES   Location/Qualifiers
            source
            1..19
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.7%; Score 17.6; DB 1; Length 19;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 19 CAGGCTGGAGTGCARTGG 2

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RESULT 873
LOCUS      I29970/c
DEFINITION Sequence 2 from patent US 5578493.
ACCESSION I29970
VERSION    I29970.1 GI:1820761
KEYWORDS   .
SOURCE     Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Gilliam,T.Conrad. and Tanzi,R.E.
TITLE      Wilson's disease gene
JOURNAL    Patent: US 5578493-A 2 26-NOV-1996;
FEATURES   Location/Qualifiers
            source
            1..19
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match
Best Local Similarity 0.7%; Score 17.6; DB 1; Length 19;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 874
LOCUS      BD231547/c
DEFINITION Chromosome 17q-linked prostate cancer susceptibility gene.
ACCESSION BD231547
VERSION    BD231547.1 GI:33041317
KEYWORDS   JP 2002529065-A/99.
SOURCE     Homo sapiens (human)
ORGANISM   Homo sapiens
REFERENCE  1 (bases 1 to 19)
AUTHORS    Tavtigian,S.V., Teng,D.H.F., Simard,J. and Rommens,J.M.
TITLE      Chromosome 17q-linked prostate cancer susceptibility gene
JOURNAL    Patent: JP 2002529065-A 99 10-SEP-2002;
            MYRIAD GENETICS INC,THE HOSPITAL FOR SICK CHILDREN
            OS Homo sapiens (human)
            PN JP 2002529065-A/99
            PD 10-SEP-2002
            PF 05-NOV-1999 JP 2000581041
            PR 06-NOV-1998 US 60/107468
            PI SEAN V TAVTIGIAN,DAVID H F TENG,JACQUES SIMARD,JOHANNA M PI
            ROMMENS
            PC C12N15/09,A61K31/713,A61K38/00,A61K39/395,A61K45/00,A61K48/00,
            PC A61P35/00,
            PC
            C07K14/47,C07K16/18,C07K16/44,C12N1/15,C12N1/19,C12N1/21,C12N5/
            10,
            PC C12P21/02,C12Q1/68,G01N33/15,G01N33/50,G01N33/53,G01N33/566,
            PC G01N33/577,
            PC G01N37/00,C12N15/00,A61K37/02,C12N5/00
            CC Chromosome 17q-linked prostate cancer susceptibility gene FH
            Key Location/Qualifiers
            FT source
            1..19
            /organism="Homo sapiens"
            /db_xref="taxon:9606"

FEATURES   Location/Qualifiers
            source
            1..19
            /organism="Homo sapiens"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 17.4; DB 1; Length 19;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      2196 CCTCAGCCTCCCAATAGC 2214
      |||||
      19 CCTCAGCCTCCCAATAGC 1

RESULT 875
BD241056/c
LOCUS      BD241056 19 bp DNA linear PAT 17-JUL-2003
DEFINITION Methods and products related to genotyping and DNA analysis.
ACCESSION  BD241056
VERSION     BD241056.1 GI:33050826
KEYWORDS    JP 2002525127-A/3.
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE   1 (bases 1 to 19)
AUTHORS     Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE       Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
JOURNAL     Landers,J.E., Jordan,B., Housman,D.E. and Charest,A.
COMMENT     Methods and products related to genotyping and DNA analysis
            Patent: JP 2002525127-A 3 13-AUG-2002;
            MASSACHUSETTS INSTITUTE OF TECHNOLOGY
            OS Homo sapiens (human)
            PN JP 2002525127-A/3
            PD 13-AUG-2002
            PF 24-SEP-1999 JP 2000572407
            PR 25-SEP-1998 US 60/101757
            PI JOHN E LANDERS,BARBARA JORDAN,DAVID E HOUSMAN,ALAIN CHAREST PC
            C12N15/09,C12Q1/68,G01N33/53,G01N33/566,G01N33/58,G01N37/00, PC
            G01N37/00,
            CC C12N15/00
            PC Methods and products related to genotyping and DNA analysis FH
            Key
            FT source
            FT Location/Qualifiers
            1..19
            /organism="Homo sapiens (human)".
            /organism="Homo sapiens"
            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2144 GATCTGGCTCACTGCAAG 2162
      |||||
      19 GATCTGGCTCACTGCAAG 1

RESULT 876
CO758983/c
LOCUS      CO758983 19 bp DNA linear PAT 01-MAR-2004
DEFINITION Sequence 107 from Patent WO2003104489.
ACCESSION  CO758983
VERSION     CO758983.1 GI:44848987
KEYWORDS    synthetic construct
SOURCE      synthetic construct
ORGANISM    artificial sequences.
REFERENCE   1
AUTHORS     Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and
TITLE       Reichwald,K.
JOURNAL     Mchrl variant associated with human obesity
            Patent: WO 2003104489-A 107 18-DEC-2003;
            Philipps-Universitaet Marburg (DE)
            Location/Qualifiers
            1..19
            /organism="synthetic construct"
            /mol_type="unassigned DNA"
            /db_xref="taxon:32830"
            /note="Primer E6r"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2111 TTGCTCTGTACCAGGCT 2129
      |||||
      19 TTGCTCTGTACCAGGCT 1

RESULT 879
AR482557/c
LOCUS      AR482557 19 bp DNA linear PAT 14-MAY-2004
DEFINITION Sequence 3 from patent US 6703228.
ACCESSION  AR482557
VERSION     AR482557.1 GI:47245080

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Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2280 CACCGTGTAGCCAGGATG 2298
      |||||
      19 CACCATGTAGCCAGGATG 1

RESULT 877
I31418
LOCUS      I31418 19 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 330 from patent US 5582979.
ACCESSION  I31418
VERSION     I31418.1 GI:18222209
KEYWORDS    Unknown.
SOURCE      Unclassified.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 19)
AUTHORS     Weber,J.L.
TITLE       Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and
            method of using the same
JOURNAL     Patent: US 5582979-A 330 10-DEC-1996;
FEATURES    Location/Qualifiers
            1..19
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2331 CTCGGCCTCCCAAGTGCT 2349
      |||||
      1 CTCGGCCTCCCAAGTGCT 19

RESULT 878
AR233457/c
LOCUS      AR233457 19 bp DNA linear PAT 20-DEC-2002
DEFINITION Sequence 86 from patent US 6458532.
ACCESSION  AR233457
VERSION     AR233457.1 GI:27276048
KEYWORDS    Unknown.
SOURCE      Unclassified.
ORGANISM    Unclassified.
REFERENCE   1 (bases 1 to 19)
AUTHORS     Detera-Wadleigh,S.D., Yoshikawa,T., Sanders,A.R. and Esterling,L.E.
TITLE       Polynucleotides encoding IMP 18p myo-inositol monophosphatase and
            methods of detecting said polynucleotides
JOURNAL     Patent: US 6458532-A 86 01-OCT-2002;
FEATURES    Location/Qualifiers
            1..19
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2111 TTGCTCTGTACCAGGCT 2129
      |||||
      19 TTGCTCTGTACCAGGCT 1

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KEYWORDS
SOURCE      Unknown.
ORGANISM    Unknown.
REFERENCE   1 (bases 1 to 19)
AUTHORS     Landers,J., Jordan,B., Housman,D.E. and Charest,A.
TITLE       Methode and products related to genotyping and DNA analysis
JOURNAL     Patent: US 6703228-A 3 09-MAR-2004;
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="unknown"
               /mol_type="genomic DNA"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2144 GATCTTGCTCACTGCAAG 2162
      ||||| ||||| ||||| |||||
Db   19 GATCTGCTCACTGCAAG 1

RESULT 880
AX081966/c
LOCUS      AX081966
DEFINITION Sequence 210 from Patent WO0109183.
ACCESSION AX081966
VERSION   AX081966.1 GI:13170773
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
            and therapeutic applications
JOURNAL     Patent: WO 0109183-A 210 08-FEB-2001;
            EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2315 CTCGTGATCGCCACCTC 2333
      ||||| ||||| ||||| |||||
Db   19 CTCGTGATCGCCGCGCTC 1

RESULT 881
AX081968
LOCUS      AX081968
DEFINITION Sequence 212 from Patent WO0109183.
ACCESSION AX081968
VERSION   AX081968.1 GI:13170775
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
            and therapeutic applications
JOURNAL     Patent: WO 0109183-A 212 08-FEB-2001;
            EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"

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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2315 CTCGTGATCGCCACCTC 2333
      ||||| ||||| ||||| |||||
Db   1 CTCGTGATCGCGCGCTC 19

RESULT 882
AX081972/c
LOCUS      AX081972
DEFINITION Sequence 216 from Patent WO0109183.
ACCESSION AX081972
VERSION   AX081972.1 GI:13170779
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
            and therapeutic applications
JOURNAL     Patent: WO 0109183-A 216 08-FEB-2001;
            EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2175 CGGGTTCCGACCATTCCTC 2193
      ||||| ||||| ||||| |||||
Db   19 CGGGTTCCACCATTCCTC 1

RESULT 883
AX081974
LOCUS      AX081974
DEFINITION Sequence 218 from Patent WO0109183.
ACCESSION AX081974
VERSION   AX081974.1 GI:13170781
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS     Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE       Polymorphisms in the human mdr-1 gene and their use in diagnostic
            and therapeutic applications
JOURNAL     Patent: WO 0109183-A 218 08-FEB-2001;
            EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES    Location/Qualifiers
             source
               1..19
               /organism="synthetic construct"
               /mol_type="unassigned DNA"
               /db_xref="taxon:32630"
               /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY  2175 CGGGTTCCGACCATTCCTC 2193

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Db      1 CCGGTTACACCACTTC 19
|||||
RESULT 884
AX081978/c
LOCUS      AX081978      19 bp      DNA      linear      PAT 27-FEB-2001
DEFINITION Sequence 222 from Patent WO0109183.
ACCESSION  AX081978
VERSION     AX081978.1 GI:13170785
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Brinkmann,U., Hoffmeyer,S., Bichelbaum,M. and Roots,I.
TITLE      Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL    Patent: WO 0109183-A 222 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES   source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2315 CTGCTGATCGCCGACCTC 2333
|||||
Db      19 CTGCTGATCGCCGACCTC 1
|||||

RESULT 885
AX081980
LOCUS      AX081980      19 bp      DNA      linear      PAT 27-FEB-2001
DEFINITION Sequence 224 from Patent WO0109183.
ACCESSION  AX081980
VERSION     AX081980.1 GI:13170787
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Brinkmann,U., Hoffmeyer,S., Bichelbaum,M. and Roots,I.
TITLE      Polymorphisms in the human mdr-1 gene and their use in diagnostic
           and therapeutic applications
JOURNAL    Patent: WO 0109183-A 224 08-FEB-2001;
           EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
FEATURES   source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="synthetic"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2315 CTGCTGATCGCCGACCTC 2333
|||||
Db      19 CTGCTGATCGCCGACCTC 1
|||||

RESULT 886
AX116142
LOCUS      AX116142      19 bp      DNA      linear      PAT 11-MAY-2001
DEFINITION Sequence 1265 from Patent WO0129262.
ACCESSION  AX116142

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VERSION  AX116142.1 GI:14033084
KEYWORDS synthetic construct
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS   Picoult-Newburg,L. and Pohl,M.
TITLE     Genotyping reagents, kits and methods of use thereof
JOURNAL   Patent: WO 0129262-A 1265 26-APR-2001;
           Orchid BioSciences, Inc. (US)
FEATURES  Location/Qualifiers
           source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="Primer"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2353 ATTACAGCGATGAGCCACC 2371
|||||
Db      1 ATTACAGCGGTGAGCCACC 19
|||||

RESULT 887
AX226138/c
LOCUS      AX226138      19 bp      DNA      linear      PAT 10-SEP-2001
DEFINITION Sequence 57 from Patent WO0160856.
ACCESSION  AX226138
VERSION     AX226138.1 GI:15555450
KEYWORDS   synthetic construct
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1
AUTHORS    Vikkula,M.
TITLE      vnglom gene and its mutations causing disorders with a vascular
           component
JOURNAL    Patent: WO 0160856-A 57 23-AUG-2001;
           UNIVERSITE CATHOLIQUE DE LOUVAIN (BE)
FEATURES   Location/Qualifiers
           source
           1..19
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="oligonucleotide"

Query Match      0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2299 GTCTCGATCTCTGACCTC 2317
|||||
Db      19 GTCTCGAATCTCTGACCTC 1
|||||

RESULT 888
BD088699/c
LOCUS      BD088699      19 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD088699
VERSION     BD088699.1 GI:22634309
KEYWORDS   JP 2001321190-A/943.
SOURCE     synthetic construct
ORGANISM   artificial sequences.
REFERENCE  1 (bases 1 to 19)
AUTHORS    Soeda,E.
TITLE      A method of arraying genome clone
JOURNAL    Patent: JP 2001321190-A 943 20-NOV-2001;
           THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA

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COMMENT
OS Artificial Sequence
PN JP 2001321190-A/943
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1..19
FT Location/Qualifiers
FT /organism='Artificial Sequence'.
FEATURES
source
1..19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2336 CCTCCCAAGTGGTGGAT 2354
Db 19 CCTCCCAAGTGGTGGAT 1
RESULT 889
BD090072/c
LOCUS BD090072 19 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD090072
VERSION BD090072.1 GI:22635682
KEYWORDS JP 2001321190-A/2316.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Soeda,B.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 2316 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
COMMENT
OS Artificial Sequence
PN JP 2001321190-A/2316
PD 20-NOV-2001
PF 12-MAR-2001 JP 2001068285
PI EIICHI SOEDA
PC C12N15/09, C12N15/09, C12M1/00, C12Q1/68, G01N33/53, G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
FT Location/Qualifiers
FT source 1..19
FT Location/Qualifiers
FT /organism='Artificial Sequence'.
FEATURES
source
1..19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2121 ACCCAGGCTGGAGTGCAGT 2139
Db 19 ACCCAGGCTGGAGTGCAGT 1
RESULT 890
AB068733/c
LOCUS AB068733 19 bp DNA linear SYN 21-MAY-2003
DEFINITION Synthetic construct DNA, reverse primer for human STS sts-D1S2728
at lp36.
ACCESSION AB068733
VERSION AB068733.1 GI:15129537
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Chen,Y.Z., Hayashi,Y., Wu,J.G., Takaoka,E., Maekawa,K.,
Watanabe,N., Inazawa,J., Hosoda,F., Arai,Y., Mizushima,H.,
Morohashi,A., Ohira,M., Nakagawara,A., Liu,S., Hoshi,M., Horii,A.
and Soeda,E.
TITLE A BAC-based STS-content map spanning a 35-Mb region of human
chromosome lp35-p36
JOURNAL Genomics 74 (1), 55-70 (2001)
MEDLINE 21269192
PUBMED 11374902
REFERENCE 2 (bases 1 to 19)
AUTHORS Horii,A.
TITLE Direct Submission
JOURNAL Submitted (04-AUG-2001) Akira Horii, Tohoku University School of
Medicine, Molecular Pathology; 2-1 Seiryomachi, Aoba-ku, Sendai,
Miyagi 980-8575, Japan (E-mail:horii@mail.cc.tohoku.ac.jp,
Tel:81-22-717-8042, Fax:81-22-717-8047)
FEATURES
source
1..19
Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"
misc_feature 1..19
/notes="reverse primer for human STS sts-D1S2728 at lp36
sts-D1S2728 obtained from clones B351N1, B26G13, B26E12,
B39F12, Human BAC library RPCI-11"
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2121 ACCCAGGCTGGAGTGCAGT 2139
Db 19 ACCCAGGCTGGAGTGCAGT 1
RESULT 891
I31439/c
LOCUS I31439 20 bp DNA linear PAT 06-FEB-1997
DEFINITION Sequence 351 from patent US 5582979.
ACCESSION I31439
VERSION I31439.1 GI:1822230
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 20)
AUTHORS Weber,J.L.
TITLE Length polymorphisms in (dC-dA).sub.n.(dG-dT).sub.n sequences and
method of using the same
JOURNAL Patent: US 5582979-A 351 10-DEC-1996;
FEATURES
source
1..20
Location/Qualifiers
/organism="unknown"
/mol_type="unassigned DNA"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2233 CCACACACCTGGCTAATT 2251
Db 19 CCACACACCTGGCTAATT 1

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RESULT 892
AR215877
LOCUS AR215877 20 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 18 from patent US 6410325.
ACCESSION AR215877
VERSION AR215877.1 GI:23314133
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett,C.F., Freier,S.M. and Watt,A.T.
TITLE Antisense modulation of phospholipase A2, group VI
(Ca2+-independent) expression
JOURNAL Patent: US 6410325-A 18 25-JUN-2002;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2334 GGCTCCCAAGTCTGGG 2352
Db 2 GGTCTCCCAAGTCTGGG 20
RESULT 893
AR271152
LOCUS AR271152 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 95 from patent US 6503152.
ACCESSION AR271152
VERSION AR271152.1 GI:29702455
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Pelz,D.T.
TITLE Putting trainer
JOURNAL Patent: US 6503152-A 95 07-JAN-2003;
FEATURES
source Location/Qualifiers
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/mol_type="genomic DNA"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2196 CCTCAGCTCCCAATTAGC 2214
Db 2 CCTCAGCTCCCAAGTAGC 20
RESULT 894
AR305332
LOCUS AR305332 20 bp DNA linear PAT 12-JUN-2003.
DEFINITION Sequence 286 from patent US 6545137.
ACCESSION AR305332
VERSION AR305332.1 GI:31694642
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
TITLE Receptor
JOURNAL Patent: US 6545137-A 286 08-APR-2003;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2146 TCTTGGCTCACTGCAAGCT 2164
Db 2 TCTTGGCTCACTGCAACCT 20
RESULT 895
AR309436
LOCUS AR309436 20 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 286 from patent US 6555654.
ACCESSION AR309436
VERSION AR309436.1 GI:31701441
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 20)
AUTHORS Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D.,
Hammond,H., Hey,P., Kawaguchi,Y., Merriman,T.R., Metzker,M.L.,
Nakagawa,Y., Phillips,M.S. and Twells,R.C.J.
TITLE LDL-receptor
JOURNAL Patent: US 6555654-A 286 29-APR-2003;
FEATURES
source Location/Qualifiers
1..20
/mol_type="genomic DNA"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2146 TCTTGGCTCACTGCAAGCT 2164
Db 2 TCTTGGCTCACTGCAACCT 20
RESULT 896
AX184102/c
LOCUS AX184102 20 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1855 from Patent WO0142511.
ACCESSION AX184102
VERSION AX184102.1 GI:15135441
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1855 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)
FEATURES
source Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2093 TTTTITGAGACCGAGTCTT 2112
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Db      20 TTTTGTGAGAGCGAGTCTT 1
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2197 CTCAGCTCCCAATTAGCT 2215
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20 CTCAGCTCCCAAGTAGCT 2

RESULT 897
AXI88411
LOCUS      AXI88411                20 bp      DNA      linear      PAT 08-AUG-2001
DEFINITION Sequence 30 from Patent WO0147954.
ACCESSION  AXI88411
VERSION     AXI88411.1  GI:15142082
KEYWORDS   .
SOURCE     synthetic construct
           artificial sequences.
ORGANISM   1
REFERENCE  1
AUTHORS    van Roy,F., Vanlandechoot,A. and Janssens,B.
TITLE      Novel cdnas encoding catenin-binding proteins with function in
           signalling and/or gene regulation
JOURNAL    Patent: WO 0147954-A 30 05-JUL-2001;
           Vlaams Interuniversitair Instituut voor Biotechnologie vzw. (BE)
FEATURES   Location/Qualifiers
           source
           1..20
           /organism="synthetic construct"
           /mol_type="unassigned DNA"
           /db_xref="taxon:32630"
           /note="primer FVR510F"

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2347 GCTGGGATTACAGGCATCA 2365
||||| ||||| ||||| ||||| |||||
Db      1 GCTGGGATTACAGGCATCA 19

RESULT 898
BD089312/c
LOCUS      BD089312                20 bp      DNA      linear      PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION  BD089312
VERSION     BD089312.1  GI:22634922
KEYWORDS   JP 2001321190-A/1556.
SOURCE     synthetic construct
           synthetic construct
           artificial sequences.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Soeda,E.
TITLE      A method of arraying genome clone
JOURNAL    Patent: JP 2001321190-A 1556 20-NOV-2001;
           THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
           GENOTECHS
COMMENT    OS Artificial Sequence
           PN JP 2001321190-A/1556
           PD 20-NOV-2001
           PF 12-MAR-2001 JP 2001068285
           PI EIICHI SOEDA
           PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
           C12N15/00,
           PC C12N15/00
           CC Description of Artificial Sequence:Synthetic DNA FH Key
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           Location/Qualifiers
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Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Db      20 TTTTGTGAGAGCGAGTCTT 1
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2197 CTCAGCTCCCAATTAGCT 2215
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20 CTCAGCTCCCAAGTAGCT 2

RESULT 899
BD106243
LOCUS      BD106243                20 bp      DNA      linear      PAT 18-SEP-2002
DEFINITION Novel LDL-receptor.
ACCESSION  BD106243
VERSION     BD106243.1  GI:23201061
KEYWORDS   JP 2002501376-A/258.
SOURCE     Chlamydia sp.
           Chlamydia sp.
ORGANISM   Bacteria; Chlamydiae; Chlamydiales; Chlamydiaceae; Chlamydia.
REFERENCE  1 (bases 1 to 20)
AUTHORS    Todd,J.A., Hess,J.W., Caskey,C.T., Cox,R.D., Gerhold,D., Hammond,H.
           and Hey,P.
TITLE      Novel LDL-receptor
JOURNAL    Patent: JP 2002501376-A 258 15-JAN-2002;
           THE WELLCOME TRUST LTD AS TRUSTEE TO THE WELLCOME TRUST, MERCK & CO
           INC
COMMENT    PN JP 2002501376-A/258
           PD 15-JAN-2002
           PF 15-APR-1998 JP 1998543635
           PR 15-APR-1997 US 60/043553,05-JUN-1997 US 60/048740 PI
           JOHN ANDREW TODD,JOHN WILFRED HESS,CHARLES
           THOMAS CASKEY,ROGER
           PI DAVID COX,
           PI DAVID GERHOLD,HOLLY HAMMOND,PATRICIA HEY
           PC C12N15/12,C12N15/11,C12Q1/68,C07K14/705,C07K16/28,A61K38/17,
           PC A61K39/395,
           PC A61K48/00
           CC Strandedness: Single;
           CC Topology: Linear;
           FH Key Location/Qualifiers
           1..20
           /organism="Chlamydia sp."
           /mol_type="genomic DNA"
           /db_xref="taxon:35827"

Query Match      0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2146 TCTTGGCTCACTGCAAGCT 2164
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Db      2 TCTTGGCTCACTGCAAGCT 20

RESULT 900
AR345147/c
LOCUS      AR345147                21 bp      DNA      linear      PAT 17-AUG-2003
DEFINITION Sequence 28 from patent US 6583112.
ACCESSION  AR345147
VERSION     AR345147.1  GI:33741783
KEYWORDS   .
SOURCE     Unknown.
           Unknown.
ORGANISM   Unclassified.
REFERENCE  1 (bases 1 to 21)
AUTHORS    Fu,Y.-H., Yu,C.-E., Oshima,J., Mulligan,J.T. and Schellenberg,G.D.
TITLE      Gene products related to werner's syndrome
JOURNAL    Patent: US 6583112-A 28 24-JUN-2003;
           Patent: US 6583112-A 28 24-JUN-2003;
           Location/Qualifiers
FEATURES   Location/Qualifiers
           source
           1..21
           /organism="unknown"
           /mol_type="genomic DNA"

Query Match      0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCCTG 2312
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 Db 21 GGATGGTCTCGACTCTG 3

RESULT 901

E31640 22 bp DNA linear PAT 18-JUN-2001
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger
 DEFINITION print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31640

VERSION E31640.1 GI:13018550

KEYWORDS JP 2000023671-A/13

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

JOURNAL print with the use of restriction primer of inter-SINE sequences

COMMENT and primer to be used therein

Patent: JP 2000023671-A 13 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/13

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

PH Key Location/Qualifiers

FT source

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/organism="Artificial Sequence".

FEATURES

source

1. .22

/organism="synthetic construct"

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/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

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Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 902

E31641 22 bp DNA linear PAT 18-JUN-2001
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger
 DEFINITION print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31641

VERSION E31641.1 GI:13018551

KEYWORDS JP 2000023671-A/14

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

JOURNAL print with the use of restriction primer of inter-SINE sequences

COMMENT and primer to be used therein

Patent: JP 2000023671-A 14 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/14

PD 25-JAN-2000
 PF 10-JUL-1998 JP 1998195692
 PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
 PC C12N15/09, C12Q1/68, C12N15/00
 CC
 FH Key Location/Qualifiers
 FT source

FEATURES
 source
 Location/Qualifiers
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/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

|||||

Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 903

E31642 22 bp DNA linear PAT 18-JUN-2001
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger
 DEFINITION print with the use of restriction primer of inter-SINE sequences
 and primer to be used therein.

ACCESSION E31642

VERSION E31642.1 GI:13018552

KEYWORDS JP 2000023671-A/15

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

JOURNAL print with the use of restriction primer of inter-SINE sequences

COMMENT and primer to be used therein

Patent: JP 2000023671-A 15 25-JAN-2000;

NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/15

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PC C12N15/09, C12Q1/68, C12N15/00

CC

PH Key Location/Qualifiers

FT source

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/organism="Artificial Sequence".

FEATURES

source

1. .22

/organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;

Best Local Similarity 94.7%; Pred. No. 1e+03;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370

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Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 904

E31643 22 bp DNA linear PAT 18-JUN-2001
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger
 DEFINITION

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print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
E31643
E31643.1 GI:13018553
KEYWORDS JP 2000023671-A/16.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 16 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/16
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key 1. .22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1. .22
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 905
E31644
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31644.1 GI:13018554
VERSION JP 2000023671-A/17.
KEYWORDS synthetic construct
SOURCE synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 17 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/17
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key 1. .22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
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/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 906
E31645
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31645.1 GI:13018555
VERSION JP 2000023671-A/18.
KEYWORDS synthetic construct
SOURCE synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 18 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/18
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key 1. .22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1. .22
/organism='synthetic construct'
/mol_type='genomic DNA'
/db_xref='taxon:32630'

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 907
E31646
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31646.1 GI:13018556
VERSION JP 2000023671-A/19.
KEYWORDS synthetic construct
SOURCE synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 906
E31645
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31645.1 GI:13018555
VERSION JP 2000023671-A/18.
KEYWORDS synthetic construct
SOURCE synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
JOURNAL Patent: JP 2000023671-A 18 25-JAN-2000;
COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/18
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key 1. .22 Location/Qualifiers
FT source /organism='Artificial Sequence'.
FT Location/Qualifiers
1. .22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 907
E31646
LOCUS 22 bp DNA linear PAT 18-JUN-2001
DEFINITION Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION E31646.1 GI:13018556
VERSION JP 2000023671-A/19.
KEYWORDS synthetic construct
SOURCE synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.

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print with the use of restriction primer of inter-SINE sequences
and primer to be used therein
Patent: JP 2000023671-A 19 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/19
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source
1. .22 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 908
E31647
LOCUS
DEFINITION
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
E31647
ACCESSION
VERSION E31647.1 GI:13018557
KEYWORDS
SOURCE JP 2000023671-A/20
ORGANISM
artificial construct
artificial sequences.
1 (bases 1 to 22)
REFERENCE
1 Ichiho, O., Ichiho, N. and Hiroshi, Y.
AUTHORS
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
Patent: JP 2000023671-A 20 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/20
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source
1. .22 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 909
E31648
LOCUS
DEFINITION
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
E31648
ACCESSION
VERSION E31648.1 GI:13018558
KEYWORDS
SOURCE JP 2000023671-A/21
ORGANISM
artificial construct
artificial sequences.
1 (bases 1 to 22)
REFERENCE
1 Ichiho, O., Ichiho, N. and Hiroshi, Y.
AUTHORS
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
Patent: JP 2000023671-A 21 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/21
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00
CC
FH Key Location/Qualifiers
FT source
1. .22 Location/Qualifiers
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 910
E31649
LOCUS
DEFINITION
Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
E31649
ACCESSION
VERSION E31649.1 GI:13018559
KEYWORDS
SOURCE JP 2000023671-A/22
ORGANISM
artificial construct
artificial sequences.
1 (bases 1 to 22)
REFERENCE
1 Ichiho, O., Ichiho, N. and Hiroshi, Y.
AUTHORS
TITLE Method for distinguishing eucaryotic individual based on PCR finger
print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
Patent: JP 2000023671-A 22 25-JAN-2000;
NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS Artificial Sequence
PN JP 2000023671-A/22
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692
PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC C12N15/09, C12Q1/68, C12N15/00

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CC          Key          Location/Qualifiers
FH          source
FT          1..22          /organism='Artificial Sequence'.
FT          Location/Qualifiers
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source
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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match          0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 911
E31650          22 bp          DNA          linear          PAT 18-JUN-2001
LOCUS          Method for distinguishing eucaryotic individual based on PCR finger
DEFINITION          and primer to be used therein.
ACCESSION          E31650
VERSION          E31650.1 GI:13018560
KEYWORDS          JP 2000023671-A/23.
SOURCE          synthetic construct
ORGANISM          artificial sequences.
REFERENCE          1 (bases 1 to 22)
AUTHORS          Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE          Method for distinguishing eucaryotic individual based on PCR finger
and primer to be used therein
JOURNAL          Patent: JP 2000023671-A 23 25-JAN-2000;
COMMENT          NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS          Artificial Sequence
FN          JP 2000023671-A/23
PD          25-JAN-2000
PF          10-JUL-1998 JP 1998195692
PR          ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC          C12N15/09, C12Q1/68, C12N15/00
CC          Key          Location/Qualifiers
FH          source
FT          1..22          /organism='Artificial Sequence'.
FT          Location/Qualifiers
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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match          0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 912
E31651          22 bp          DNA          linear          PAT 18-JUN-2001
LOCUS          Method for distinguishing eucaryotic individual based on PCR finger
DEFINITION          print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION          E31651
VERSION          E31651.1 GI:13018561
KEYWORDS          JP 2000023671-A/24.

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SOURCE          synthetic construct
ORGANISM          synthetic construct
REFERENCE          1 (bases 1 to 22)
AUTHORS          Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE          Method for distinguishing eucaryotic individual based on PCR finger
and primer to be used therein
JOURNAL          Patent: JP 2000023671-A 24 25-JAN-2000;
COMMENT          NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS          Artificial Sequence
FN          JP 2000023671-A/24
PD          25-JAN-2000
PF          10-JUL-1998 JP 1998195692
PR          ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC          C12N15/09, C12Q1/68, C12N15/00
CC          Key          Location/Qualifiers
FH          source
FT          1..22          /organism='Artificial Sequence'.
FT          Location/Qualifiers
FEATURES
source
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match          0.7%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGTGAGCCAC 2370
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 913
E31652          22 bp          DNA          linear          PAT 18-JUN-2001
LOCUS          Method for distinguishing eucaryotic individual based on PCR finger
DEFINITION          print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.
ACCESSION          E31652
VERSION          E31652.1 GI:13018562
KEYWORDS          JP 2000023671-A/25.
SOURCE          synthetic construct
ORGANISM          artificial sequences.
REFERENCE          1 (bases 1 to 22)
AUTHORS          Ichiro,O., Ichiro,N. and Hiroshi,Y.
TITLE          Method for distinguishing eucaryotic individual based on PCR finger
and primer to be used therein
JOURNAL          Patent: JP 2000023671-A 25 25-JAN-2000;
COMMENT          NATIONAL RESEARCH INSTITUTE OF AQUACULTURE
OS          Artificial Sequence
FN          JP 2000023671-A/25
PD          25-JAN-2000
PF          10-JUL-1998 JP 1998195692
PR          ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
PC          C12N15/09, C12Q1/68, C12N15/00
CC          Key          Location/Qualifiers
FH          source
FT          1..22          /organism='Artificial Sequence'.
FT          Location/Qualifiers
FEATURES
source
1..22
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match          0.7%; Score 17.4; DB 1; Length 22;

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Best Local Similarity 94.7%; Pred. No. 1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
|||||
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 914

E31653 22 bp DNA linear PAT 18-JUN-2001
LOCUS Method for distinguishing eucaryotic individual based on PCR finger
DEFINITION print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.

ACCESSION E31653

VERSION E31653.1 GI:13018563

KEYWORDS JP 2000023671-A/26

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger
and primer to be used therein

JOURNAL Patent: JP 2000023671-A 26 25-JAN-2000;

COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/26

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

CC Key Location/Qualifiers

FT source 1..22

FEATURES Location/Qualifiers

1..22 /organism="Artificial Sequence".

source /organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match

Best Local Similarity 94.7%; Pred. No. 1e+03; Length 22;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
|||||
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 915

E31654 22 bp DNA linear PAT 18-JUN-2001
LOCUS Method for distinguishing eucaryotic individual based on PCR finger
DEFINITION print with the use of restriction primer of inter-SINE sequences
and primer to be used therein.

ACCESSION E31654

VERSION E31654.1 GI:13018564

KEYWORDS JP 2000023671-A/27.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger
and primer to be used therein

JOURNAL Patent: JP 2000023671-A 27 25-JAN-2000;

COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/27
PD 25-JAN-2000
PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

CC Key Location/Qualifiers

FT source 1..22

FEATURES Location/Qualifiers

1..22 /organism="Artificial Sequence".

source /organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match

Best Local Similarity 94.7%; Pred. No. 1e+03; Length 22;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
|||||
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 916

E31655

LOCUS

DEFINITION

Method for distinguishing eucaryotic individual based on PCR finger

and primer to be used therein.

ACCESSION E31655

VERSION E31655.1 GI:13018565

KEYWORDS JP 2000023671-A/28

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

and primer to be used therein

JOURNAL Patent: JP 2000023671-A 28 25-JAN-2000;

COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/28

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

CC Key Location/Qualifiers

FT source 1..22

FEATURES Location/Qualifiers

1..22 /organism="Artificial Sequence".

source /organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

Query Match

Best Local Similarity 94.7%; Pred. No. 1e+03; Length 22;

Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
|||||
Db 1 GATTACAGGCGTGAGCCAC 19

RESULT 917

E31656

LOCUS

Method for distinguishing eucaryotic individual based on PCR finger

and primer to be used therein.

ACCESSION E31656

VERSION E31656.1 GI:13018566

KEYWORDS JP 2000023671-A/29

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 22)

AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.

TITLE Method for distinguishing eucaryotic individual based on PCR finger

and primer to be used therein

JOURNAL Patent: JP 2000023671-A 29 25-JAN-2000;

COMMENT NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

OS Artificial Sequence

PN JP 2000023671-A/29

PD 25-JAN-2000

PF 10-JUL-1998 JP 1998195692

PR ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE

PI C12N15/09, C12Q1/68, C12N15/00

CC Key Location/Qualifiers

FT source 1..22

FEATURES Location/Qualifiers

1..22 /organism="Artificial Sequence".

source /organism="synthetic construct"

/mol_type="genomic DNA"

/db_xref="taxon:32630"

DEFINITION Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

ACCESSION E31656
 VERSION E31656.1 GI:13018566
 KEYWORDS JP 2000023671-A/29.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1 (bases 1 to 22)
 AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
 TITLE Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

JOURNAL Patent: JP 2000023671-A 29 25-JAN-2000;
 NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

COMMENT OS Artificial Sequence
 PN JP 2000023671-A/29
 PD 25-JAN-2000
 PR 10-JUL-1998 JP 1998195692

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
 PC C12N15/09, C12Q1/68, C12N15/00
 CC
 FH Key Location/Qualifiers
 FT source 1..22
 FT /organism='Artificial Sequence'.

FEATURES
 source
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 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
 Best Local Similarity 94.7%; Pred. No. 1e+03;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
 |||||
 Db 1 GATTACAGGCATGAGCCAC 19

RESULT 918

E31657 22 bp DNA linear PAT 18-JUN-2001
 LOCUS Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein.

ACCESSION E31657
 VERSION E31657.1 GI:13018567
 KEYWORDS JP 2000023671-A/30.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1 (bases 1 to 22)
 AUTHORS Ichiro,O., Ichiro,N. and Hiroshi,Y.
 TITLE Method for distinguishing eucaryotic individual based on PCR finger print with the use of restriction primer of inter-SINE sequences and primer to be used therein

JOURNAL Patent: JP 2000023671-A 30 25-JAN-2000;
 NATIONAL RESEARCH INSTITUTE OF AQUACULTURE

COMMENT OS Artificial Sequence
 PN JP 2000023671-A/30
 PD 25-JAN-2000
 PR 10-JUL-1998 JP 1998195692

PI ICHIRO OHARA, ICHIRO NAKAYAMA, HIROSHI YASUE
 PC C12N15/09, C12Q1/68, C12N15/00
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 FH Key Location/Qualifiers
 FT source 1..22
 FT /organism='Artificial Sequence'.

FEATURES
 Location/Qualifiers

source

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 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 22;
 Best Local Similarity 94.7%; Pred. No. 1e+03;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCAC 2370
 |||||
 Db 1 GATTACAGGCATGAGCCAC 19

RESULT 919

BD174265 23 bp DNA linear PAT 18-FEB-2003
 LOCUS Novel physiological active peptide and its use.
 DEFINITION
 ACCESSION BD174265
 VERSION BD174265.1 GI:28415604
 KEYWORDS WO 02062944-A/12.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 artificial sequences.

REFERENCE 1 (bases 1 to 23)
 AUTHORS Otaki,I., Masuda,Y., Takatsu,Y., Watanabe,T., Terao,Y., Shintani,Y. and Hinuma,S.
 TITLE Novel physiological active peptide and its use
 JOURNAL Patent: WO 02062944-A 12 15-AUG-2002;
 TAKEDA CHEMICAL INDUSTRIES LTD, TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA WATANABE, YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA

COMMENT OS Artificial Sequence
 PN WO 02062944-A/12
 PD 15-AUG-2002
 PF 01-FEB-2002 WO 2002JP000852
 PR 02-FEB-2001 JP 01P 026820
 PI TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA WATANABE, YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA

OS Artificial Sequence
 PN WO 02062944-A/12
 PD 15-AUG-2002
 PF 01-FEB-2002 WO 2002JP000852
 PR 02-FEB-2001 JP 01P 026820
 PI TETSUYA OTAKI, YASUSHI MASUDA, YOSHIHIRO TAKATSU, TAKUYA WATANABE, YASUKO TERAO, YASUSHI SHINTANI, SHUJI HINUMA

PC C07K14/47, C07K14/705, C12N15/12, C12P21/02, C07K16/18, A61K67/027,
 C12N5/10,
 PC G01N33/15, G01N33/50, A61P1/00
 CC DNA primer, hbv8-WR primer
 FH Key Location/Qualifiers
 FT source 1..23
 FT /organism='Artificial Sequence'.

FEATURES
 Location/Qualifiers

1..23
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.7%; Score 17.4; DB 1; Length 23;
 Best Local Similarity 94.7%; Pred. No. 1.1e+03;
 Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 TCTTCACATTGGTTTCTA 774
 |||||
 Db 2 TATTCACATTGGTTTCTA 20

RESULT 920

I34290/c 20 bp DNA linear PAT 06-FEB-1997
 LOCUS Sequence 4 from patent US 5597694.
 DEFINITION
 ACCESSION I34290
 VERSION I34290.1 GI:1825081
 KEYWORDS Unknown.
 SOURCE Unknown.
 ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Munroe,D.J. and Housman,D.E.
TITLE Interspersed repetitive element-bubble amplification of nucleic acids
JOURNAL Patent: US 5597694-A 4 28-JAN-1997;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.e+03;
Matches 16; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119
||||| : ||||| : ||||| : ||||| :
Db 20 GAGAYRGAGTCTVRCCTCTGT 1

RESULT 921
AR080244/c
LOCUS AR080244 22 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 1 from patent US 5968741.
ACCESSION AR080244
VERSION AR080244.1 GI:10006979
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Plevy,S.E. and Targan,S.R.
TITLE Methods of diagnosing a medically resistant clinical subtype of ulcerative colitis
JOURNAL Patent: US 5968741-A 1 19-OCT-1999;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136
||||| : ||||| : ||||| : ||||| :
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 922
AR093695/c
LOCUS AR093695 22 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 1 from patent US 6001569.
ACCESSION AR093695
VERSION AR093695.1 GI:10020444
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Plevy,S.E., Rotter,J.I., Targan,S.R., Toyoda,H. and Yang,H.
TITLE Methods of screening for Crohn's disease using TNF microsatellite alleles
JOURNAL Patent: US 6001569-A 1 14-DEC-1999;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136
||||| : ||||| : ||||| : ||||| :
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

AUTHORS Munroe,D.J. and Housman,D.E.
TITLE Interspersed repetitive element-bubble amplification of nucleic acids
JOURNAL Patent: US 5597694-A 4 28-JAN-1997;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.e+03;
Matches 16; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119
||||| : ||||| : ||||| : ||||| :
Db 20 GAGAYRGAGTCTVRCCTCTGT 1

RESULT 921
AR080244/c
LOCUS AR080244 22 bp DNA linear PAT 31-AUG-2000
DEFINITION Sequence 1 from patent US 5968741.
ACCESSION AR080244
VERSION AR080244.1 GI:10006979
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Plevy,S.E. and Targan,S.R.
TITLE Methods of diagnosing a medically resistant clinical subtype of ulcerative colitis
JOURNAL Patent: US 5968741-A 1 19-OCT-1999;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136
||||| : ||||| : ||||| : ||||| :
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 922
AR093695/c
LOCUS AR093695 22 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 1 from patent US 6001569.
ACCESSION AR093695
VERSION AR093695.1 GI:10020444
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Plevy,S.E., Rotter,J.I., Targan,S.R., Toyoda,H. and Yang,H.
TITLE Methods of screening for Crohn's disease using TNF microsatellite alleles
JOURNAL Patent: US 6001569-A 1 14-DEC-1999;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136
||||| : ||||| : ||||| : ||||| :
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 923
AR128062/c
LOCUS AR128062 22 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 1 from patent US 6183951.
ACCESSION AR128062
VERSION AR128062.1 GI:14115724
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Plevy,S.E., Targan,S.R., Taylor,K. and Barry,M.J.
TITLE Methods of diagnosing clinical subtypes of crohn's disease with characteristic responsiveness to anti-Th1 cytokine therapy
JOURNAL Patent: US 6183951-A 1 06-FEB-2001;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136
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Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 924
AR287807/c
LOCUS AR287807 22 bp DNA linear PAT 12-JUN-2003
DEFINITION Sequence 1 from patent US 6534263.
ACCESSION AR287807
VERSION AR287807.1 GI:31674859
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Plevy,S.E., Rotter,J.I., Targan,S.R., Toyoda,H. and Yang,H.
TITLE Methods of screening for Crohn's disease using TNF microsatellite alleles
JOURNAL Patent: US 6534263-A 1 18-MAR-2003;
FEATURES Location/Qualifiers
source 1..22
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGCTGGAGTGC 2136
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Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 925
AR367700/c
LOCUS AR367700 22 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 28 from patent US 6376176.
ACCESSION AR367700
VERSION AR367700.1 GI:34601079
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE 1 (bases 1 to 22)
AUTHORS Taylor,K.D., Rotter,J.I. and Yang,H.

TITLE Methods of using a major histocompatibility complex class III
 JOURNAL haplotype to diagnose Crohn's disease
 PATENT: US 6376176-A 28 23-APR-2002;
 FEATURES Location/Qualifiers
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 /organism="unknown"
 /mol_type="genomic DNA"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
 Best Local Similarity 86.4%; Pred. No. 1.1e+03;
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QY 2115 TCTGTACCCAGGCTGGAGTGC 2136
 DB 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 926
 AX098591/c
 LOCUS
 DEFINITION Sequence 28 from Patent WO0120036.
 ACCESSION AX098591
 VERSION AX098591.1 GI:13537855
 KEYWORDS
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1
 REFERENCE
 AUTHORS Taylor,K.D., Rotter,J.I. and Yang,H.
 TITLE Methods of using a major histocompatibility complex class III
 JOURNAL haplotype to diagnose crohn's disease
 PATENT: WO 0120036-A 28 22-MAR-2001;
 CEDARS-SINAI MEDICAL CENTER (US)
 FEATURES Location/Qualifiers
 1..22
 /organism="Homo sapiens"
 /mol_type="unassigned DNA"
 /db_xref="taxon:9606"

Query Match 0.7%; Score 17.2; DB 1; Length 22;
 Best Local Similarity 86.4%; Pred. No. 1.1e+03;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCCAGGCTGGAGTGC 2136
 DB 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 927
 AR044034/c
 LOCUS
 DEFINITION Sequence 2 from patent US 5817462.
 ACCESSION AR044034
 VERSION AR044034.1 GI:5965499
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unclassified.
 1 (bases 1 to 17)
 REFERENCE
 AUTHORS Garini,Y., Cabib,D., Buckwald,R.A., Ried,T. and Soenksen,D.G.
 TITLE Method for simultaneous detection of multiple fluorophores for in
 situ hybridization and multicolor chromosome painting and banding
 JOURNAL Patent: US 5817462-A 2 06-OCT-1998;
 FEATURES Location/Qualifiers
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 /organism="unknown"
 /mol_type="unassigned DNA"

Query Match 0.7%; Score 17; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1e+03;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCACAGCTGGAGTGAC 2138
 DB 17 CCACAGCTGGAGTGAC 1

RESULT 928
 BD203031
 LOCUS
 DEFINITION Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response.
 ACCESSION BD203031
 VERSION BD203031.1 GI:33012801
 KEYWORDS JP 2002509721-A/6057
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 17)
 REFERENCE
 AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
 TITLE Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response
 JOURNAL Patent: JP 2002509721-A 6057 02-APR-2002;
 RIBOZYME PHARMACEUTICALS INC
 COMMENT OS Homo sapiens (human)
 PN JP 2002509721-A/6057
 PD 02-APR-2002
 PF 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI PAMELA A PAVCO,ELISABETH ROBERTS,THALE JARVIS,CLAIRE COESHOTT,
 PI JAMES A MCSWIGGEN
 PC
 C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
 A61P29/00,
 PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
 C12N5/00
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 concerning molecule
 CC participating in vasculogenic response
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 /mol_type="genomic RNA"
 /db_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1e+03;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCTCAGCTCCC 2207
 DB 1 TCCTGCTCAGCTCCC 17

RESULT 929
 BD203159/c
 LOCUS
 DEFINITION Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response.
 ACCESSION BD203159
 VERSION BD203159.1 GI:33012929
 KEYWORDS JP 2002509721-A/6185
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
 1 (bases 1 to 17)
 REFERENCE
 AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
 TITLE Method and reagent for treating diseases or conditions concerning
 molecule participating in vasculogenic response
 JOURNAL Patent: JP 2002509721-A 6185 02-APR-2002;

COMMENT RIBOZYME PHARMACEUTICALS INC
 OS Homo sapiens (human)
 PN JP 2002509721-A/6185
 PD 02-APR-2002
 PP 24-MAR-1999 JP 2000541291
 PR 27-MAR-1998 US 60/079678
 PI JAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
 PC FAMES A MCSWIGGEN
 C12N15/09, A61K31/7088, A61K31/7125, A61K48/00, A61P3/10, A61P17/06, PC
 A61P29/00,
 PC A61P35/00, A61P43/00, C12N5/10, C12N9/00//A61K35/76, C12N15/00, PC
 C12N5/00
 CC Method and reagent for treating diseases or conditions CC
 concerning molecule
 CC participating in vasculogenic response
 FH Key Location/Qualifiers
 FT source 1..17
 FT Location/Qualifiers
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 /organism='Homo sapiens'
 /mol_type='genomic RNA'
 /db_xref='taxon:9606'

Query Match 0.7%; Score 17; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGG 2360
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 Db 17 AGTGCTGGGATTACAGG 1

RESULT 930
 AX393527
 LOCUS 17 bp DNA linear PAT 23-MAR-2002
 DEFINITION Sequence 75 from Patent WO0206312.
 ACCESSION AX393527
 VERSION AX393527.1 GI:19701496
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Whittaker, P.A.
 TITLE Disease-associated gene
 JOURNAL Patent: WO 0206312-A 75 24-JAN-2002;
 FEATURES Location/Qualifiers
 source 1..17
 /organism='Homo sapiens'
 /mol_type='unassigned DNA'
 /db_xref='taxon:9606'

Query Match 0.7%; Score 17; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2312 GACCTGTGATCGGCC 2328
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 Db 1 GACCTGTGATCGGCC 17

RESULT 931
 AX671897/c
 LOCUS 17 bp DNA linear PAT 27-MAR-2003
 DEFINITION Sequence 342 from Patent WO03004526.
 ACCESSION AX671897
 VERSION AX671897.1 GI:29330245
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines
 JOURNAL Patent: WO 03004526-A 342 16-JAN-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers
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 /organism='Homo sapiens'
 /mol_type='unassigned DNA'
 /db_xref='taxon:9606'

Query Match 0.7%; Score 17; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2307 CTCCTGACCTCGTGATC 2323
 |||||
 Db 17 CTCCTGACCTCGTGATC 1

RESULT 932
 AX673620/c
 LOCUS 17 bp DNA linear PAT 27-MAR-2003
 DEFINITION Sequence 2065 from Patent WO03004526.
 ACCESSION AX673620
 VERSION AX673620.1 GI:29331968
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines
 JOURNAL Patent: WO 03004526-A 2065 16-JAN-2003;
 Molecular Engines Laboratories (FR)
 FEATURES Location/Qualifiers
 source 1..17
 /organism='Homo sapiens'
 /mol_type='unassigned DNA'
 /db_xref='taxon:9606'

Query Match 0.7%; Score 17; DB 1; Length 17;
 Best Local Similarity 100.0%; Pred. No. 1e+03; Indels 0; Gaps 0;
 Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2291 CCAGGATGCTCTCGATC 2307
 |||||
 Db 17 CCAGGATGCTCTCGATC 1

RESULT 933
 AX674704
 LOCUS 17 bp DNA linear PAT 27-MAR-2003
 DEFINITION Sequence 3149 from Patent WO03004526.
 ACCESSION AX674704
 VERSION AX674704.1 GI:29333052
 KEYWORDS Homo sapiens (human)
 SOURCE Homo sapiens
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE 1
 AUTHORS Telerman, A., Amson, R. and Tuijnder, M.
 TITLE Sequences involved in phenomena of tumour suppression, tumour
 reversion, apoptosis and/or resistance to viruses and their use as
 medicines

JOURNAL Patent: WO 03004526-A 3149 16-JAN-2003;
Molecular Engines Laboratories (FR)
FEATURES Location/Qualifiers
source 1..17

/organism="Homo sapiens"
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/db_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2144 GATCTGGCTCAGTCGA 2160
Db 1 GATCTGGCTCAGTCGA 17

RESULT 934
AX692716
LOCUS AX692716 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5448 from Patent EP1281758.
ACCESSION AX692716
VERSION AX692716.1 GI:29415674
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5448 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2274 GGGTTTCACCGTGTAG 2290
Db 1 GGGTTTCACCGTGTAG 17

RESULT 935
AX692717
LOCUS AX692717 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5449 from Patent EP1281758.
ACCESSION AX692717
VERSION AX692717.1 GI:29415675
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5449 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2277 TTTCACCGTGTAGCCA 2293
Db 1 TTTCACCGTGTAGCCA 17

RESULT 938

Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2275 GGTTCACCGTGTAGC 2291
Db 1 GGTTCACCGTGTAGC 17

RESULT 936
AX692718
LOCUS AX692718 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5450 from Patent EP1281758.
ACCESSION AX692718
VERSION AX692718.1 GI:29415676
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5450 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2276 GTTTCACCGTGTAGCC 2292
Db 1 GTTTCACCGTGTAGCC 17

RESULT 937
AX692719
LOCUS AX692719 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5451 from Patent EP1281758.
ACCESSION AX692719
VERSION AX692719.1 GI:29415677
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5451 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES Location/Qualifiers
source 1..17

/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2277 TTTCACCGTGTAGCCA 2293
Db 1 TTTCACCGTGTAGCCA 17

RESULT 938

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AX692720
LOCUS AX692720 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5452 from Patent EP1281758.
ACCESSION AX692720
VERSION AX692720.1 GI:29415678
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5452 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2278 TTCACCGTGTAGCCAG 2294
Db 1 TTCACCGTGTAGCCAG 17

RESULT 939
AX692721
LOCUS AX692721 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5453 from Patent EP1281758.
ACCESSION AX692721
VERSION AX692721.1 GI:29415679
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5453 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2279 TCACCGTGTAGCCAG 2295
Db 1 TCACCGTGTAGCCAG 17

RESULT 940
AX692722
LOCUS AX692722 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5454 from Patent EP1281758.
ACCESSION AX692722
VERSION AX692722.1 GI:29415680
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5454 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2280 CACCGTGTAGCCAG 2296
Db 1 CACCGTGTAGCCAG 17

RESULT 941
AX692723
LOCUS AX692723 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5455 from Patent EP1281758.
ACCESSION AX692723
VERSION AX692723.1 GI:29415681
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5455 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1. .17
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2281 ACCGTGTAGCCAG 2297
Db 1 ACCGTGTAGCCAG 17

RESULT 942
AX692724
LOCUS AX692724 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5456 from Patent EP1281758.
ACCESSION AX692724
VERSION AX692724.1 GI:29415682
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5456 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
source 1. .17

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match
Best Local Similarity 0.7%; Score 17; DB 1; Length 17;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2282 CCGTGTAGCCAGGATG 2298
Db 1 CCGTGTAGCCAGGATG 17

RESULT 943
AX692725
LOCUS AX692725 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5457 from Patent EP1281758.
ACCESSION AX692725
VERSION AX692725.1 GI:29415683
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5457 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES
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/organism="Homo sapiens"
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2285 TGTAGCCAGGATGGTC 2301
Db 1 TGTAGCCAGGATGGTC 17

RESULT 946
AX692728
LOCUS AX692728 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5460 from Patent EP1281758.
ACCESSION AX692728
VERSION AX692728.1 GI:29415686
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and mdz12
JOURNAL Patent: EP 1281758-A 5460 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2286 GTTAGCCAGGATGGTCT 2302
Db 1 GTTAGCCAGGATGGTCT 17

RESULT 947
AX692729
LOCUS AX692729 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5461 from Patent EP1281758.
ACCESSION AX692729

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VERSION      AX692729.1 GI:29415687
SOURCE       Homo sapiens (human)
ORGANISM     Homo sapiens
REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
PATENT       EP 1281758-A 5461 05-FEB-2003;
Aeomica, Inc. (US)
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QY 2287 TTAGCCAGGATGGTCTC 2303
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Db 1 TTAGCCAGGATGGTCTC 17

RESULT 948
AX692730
LOCUS       AX692730 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5462 from Patent EP1281758.
ACCESSION  AX692730
VERSION     AX692730.1 GI:29415688
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
PATENT       EP 1281758-A 5462 05-FEB-2003;
Aeomica, Inc. (US)
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2288 TAGCCAGGATGGTCTC 2304
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Db 1 TAGCCAGGATGGTCTC 17

RESULT 949
AX692731
LOCUS       AX692731 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5463 from Patent EP1281758.
ACCESSION  AX692731
VERSION     AX692731.1 GI:29415689
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
PATENT       EP 1281758-A 5463 05-FEB-2003;
Aeomica, Inc. (US)
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              /mol_type="genomic DNA"
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2289 AGCCAGGATGGTCTCGA 2305
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Db 1 AGCCAGGATGGTCTCGA 17

RESULT 950
AX692732
LOCUS       AX692732 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5464 from Patent EP1281758.
ACCESSION  AX692732
VERSION     AX692732.1 GI:29415690
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
PATENT       EP 1281758-A 5464 05-FEB-2003;
Aeomica, Inc. (US)
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              /mol_type="unassigned DNA"
              /db_xref="taxon:9606"

Query Match      0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGAT 2306
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Db 1 GCCAGGATGGTCTCGAT 17

RESULT 951
AX692733
LOCUS       AX692733 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5465 from Patent EP1281758.
ACCESSION  AX692733
VERSION     AX692733.1 GI:29415691
KEYWORDS
SOURCE      Homo sapiens (human)
ORGANISM    Homo sapiens
REFERENCE    Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Euthera; Primates; Catarrhini; Hominidae; Homo.
TITLE        Shannon,M., Gu,Y. and Nguyen,C.T.
JOURNAL      Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
mdz12
PATENT       EP 1281758-A 5465 05-FEB-2003;
Aeomica, Inc. (US)
FEATURES     source
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Query Match          0.7%; Score 17; DB 1; Length 17;
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2291 CCAGGATGGTCTCGATC 2307
DB 1 CCAGGATGGTCTCGATC 17

RESULT 952
AX692734
LOCUS          AX692734          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5466 from Patent EPI281758.
ACCESSION     AX692734
VERSION       AX692734.1 GI:29415692
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS       Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE         Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
               mdz12
JOURNAL       Patent: EP 1281758-A 5466 05-FEB-2003;
               Aeomica, Inc. (US)
FEATURES      Location/Qualifiers
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Query Match          0.7%; Score 17; DB 1; Length 17;
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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCC 2310
DB 1 GGATGGTCTCGATCTCC 17

RESULT 955
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LOCUS          AX692737          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5469 from Patent EPI281758.
ACCESSION     AX692737
VERSION       AX692737.1 GI:29415695
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens
               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
               Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS       Shannon,M., Gu,Y. and Nguyen,C.T.
TITLE         Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
               mdz12
JOURNAL       Patent: EP 1281758-A 5469 05-FEB-2003;
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FEATURES      Location/Qualifiers
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Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 GATGGTCTCGATCTCCT 17

RESULT 956
AX692738
LOCUS          AX692738          17 bp DNA linear PAT 31-MAR-2003
DEFINITION    Sequence 5470 from Patent EPI281758.
ACCESSION     AX692738
VERSION       AX692738.1 GI:29415696
KEYWORDS
SOURCE        Homo sapiens (human)
ORGANISM      Homo sapiens

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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

REFERENCE

1 Shannon, M., Gu, Y. and Nguyen, C.T.
Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and

AUTHORS

mdz12
Journal Patent: EP 1281758-A 5470 05-FEB-2003;

JOURNAL

Aeomica, Inc. (US)
Location/Qualifiers

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source 1. .17
/organism="Homo sapiens"
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Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2296 ATGGTCTCGATCTCCTG 2312

Db 1 ATGGTCTCGATCTCCTG 17

RESULT 957

AX692739

LOCUS

AX692739 17 bp DNA linear PAT 31-MAR-2003

DEFINITION

Sequence 5471 from Patent EPI281758.

ACCESSION

AX692739

VERSION

AX692739.1 GI:29415697

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

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source 1. .17
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Query Match 0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCTGA 2313

Db 1 TGGTCTCGATCTCTGA 17

RESULT 958

AX692740

LOCUS

AX692740 17 bp DNA linear PAT 31-MAR-2003

DEFINITION

Sequence 5472 from Patent EPI281758.

ACCESSION

AX692740

VERSION

AX692740.1 GI:29415698

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

FEATURES

source 1. .17
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/db_xref="taxon:9606"

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Query Match

Best Local Similarity 100.0%; Score 17; DB 1; Length 17;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GGTCTCGATCTCTGAC 17

RESULT 959

AX732424

LOCUS

AX732424 17 bp DNA linear PAT 08-MAY-2003

DEFINITION

Sequence 4058 from Patent WO03025175.

ACCESSION

AX732424

VERSION

AX732424.1 GI:30511767

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

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Query Match

Best Local Similarity 100.0%; Score 17; DB 1; Length 17;

Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 GATCCGCCACCTCGGC 17

RESULT 960

AX734118/c

LOCUS

AX734118 17 bp DNA linear PAT 08-MAY-2003

DEFINITION

Sequence 5752 from Patent WO03025175.

ACCESSION

AX734118

VERSION

AX734118.1 GI:30513461

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

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source 1. .17
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/db_xref="taxon:9606"

Query Match

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Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2291 CCAGGATCGTCTCGATC 2307
 Db 17 CCAGGATCGTCTCGATC 1

RESULT 961
 AX741036/c
 LOCUS AX741036 17 bp DNA linear PAT 10-MAY-2003
 DEFINITION Sequence 10 from Patent WO03027328.
 ACCESSION AX741036
 VERSION AX741036.1 GI:30523897
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Kirtsen,N.V., Hylidig-Nielsen,J.J. and Williams,B.F.
 TITLE Methods, kits and compositions pertaining to the suppression of
 detectable probe binding to randomly distributed repeat sequences
 in genomic nucleic acid
 JOURNAL Patent: WO 03027328-A 10 03-APR-2003;
 Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
 FEATURES Location/Qualifiers
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 Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.7%; Score 17; DB 1; Length 17;
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QY 2191 TCCTGCCTCAGCCTCCC 2207
 Db 17 TCCTGCCTCAGCCTCCC 1

RESULT 962
 AX741048
 LOCUS AX741048 17 bp DNA linear PAT 10-MAY-2003
 DEFINITION Sequence 22 from Patent WO03027328.
 ACCESSION AX741048
 VERSION AX741048.1 GI:30523909
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Kirtsen,N.V., Hylidig-Nielsen,J.J. and Williams,B.F.
 TITLE Methods, kits and compositions pertaining to the suppression of
 detectable probe binding to randomly distributed repeat sequences
 in genomic nucleic acid
 JOURNAL Patent: WO 03027328-A 22 03-APR-2003;
 Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)
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QY 2191 TCCTGCCTCAGCCTCCC 2207
 Db 1 TCCTGCCTCAGCCTCCC 17

RESULT 963
 AX081967/c
 LOCUS AX081967 19 bp DNA linear PAT 27-FEB-2001
 DEFINITION Sequence 211 from Patent WO0109183.
 ACCESSION AX081967
 VERSION AX081967.1 GI:13170774
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
 TITLE Polymorphisms in the human mdr-1 gene and their use in diagnostic
 and therapeutic applications
 JOURNAL Patent: WO 0109183-A 211 08-FEB-2001;
 EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
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Query Match 0.7%; Score 17; DB 1; Length 19;
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 Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
 Db 19 CTCGTGATCGCCACCTC 1

RESULT 964
 AX081969
 LOCUS AX081969 19 bp DNA linear PAT 27-FEB-2001
 DEFINITION Sequence 213 from Patent WO0109183.
 ACCESSION AX081969
 VERSION AX081969.1 GI:13170776
 KEYWORDS synthetic construct
 SOURCE synthetic construct
 ORGANISM artificial sequences.
 REFERENCE 1
 AUTHORS Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
 TITLE Polymorphisms in the human mdr-1 gene and their use in diagnostic
 and therapeutic applications
 JOURNAL Patent: WO 0109183-A 213 08-FEB-2001;
 EPIDAUROS AG Biotechnologie Aktiengesellschaft (DE)
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Query Match 0.7%; Score 17; DB 1; Length 19;
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 Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
 Db 1 CTCGTGATCGCCACCTC 19

RESULT 965
 AX081973/c
 LOCUS AX081973 19 bp DNA linear PAT 27-FEB-2001
 DEFINITION Sequence 217 from Patent WO0109183.
 ACCESSION AX081973
 VERSION AX081973.1 GI:13170780
 KEYWORDS

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SOURCE          synthetic construct
ORGANISM         synthetic construct
REFERENCE        artificial sequences.
1
AUTHORS          Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 217 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)
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Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
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QY 2175 CGGGTTCCGACCATTCCTCC 2193
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Db 19 CGGGTTCCACCCATTCCTCC 1

RESULT 966
AX081975
LOCUS            AX081975 19 bp DNA linear PAT 27-FEB-2001
DEFINITION      Sequence 219 from Patent WO0109183.
ACCESSION       AX081975
VERSION         AX081975.1 GI:13170782
KEYWORDS        synthetic construct
SOURCE          synthetic construct
ORGANISM        artificial sequences.
REFERENCE
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AUTHORS          Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 219 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)
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Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCCGACCATTCCTCC 2193
|||||1:|||||
Db 1 CGGGTTCCACCCATTCCTCC 19

RESULT 967
AX081979/c
LOCUS            AX081979 19 bp DNA linear PAT 27-FEB-2001
DEFINITION      Sequence 223 from Patent WO0109183.
ACCESSION       AX081979
VERSION         AX081979.1 GI:13170786
KEYWORDS        synthetic construct
SOURCE          synthetic construct
ORGANISM        artificial sequences.
REFERENCE
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AUTHORS          Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 223 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)

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/notes="r=g or a"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
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Db 19 CTCGTGATCGCCGCTC 1

RESULT 968
AX081981
LOCUS            AX081981 19 bp DNA linear PAT 27-FEB-2001
DEFINITION      Sequence 225 from Patent WO0109183.
ACCESSION       AX081981
VERSION         AX081981.1 GI:13170788
KEYWORDS        synthetic construct
SOURCE          synthetic construct
ORGANISM        artificial sequences.
REFERENCE
1
AUTHORS          Brinkmann,U., Hoffmeyer,S., Eichelbaum,M. and Roots,I.
TITLE            Polymorphisms in the human mdr-1 gene and their use in diagnostic
                  and therapeutic applications
JOURNAL          Patent: WO 0109183-A 225 08-FEB-2001;
                  EPIDAUS AG Biotechnologie Aktiengesellschaft (DE)
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Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
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Db 1 CTCGTGATCGCCGCTC 19

RESULT 969
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LOCUS            AX706826 19 bp DNA linear PAT 04-APR-2003
DEFINITION      Sequence 523 from Patent WO03013534.
ACCESSION       AX706826
VERSION         AX706826.1 GI:29563249
KEYWORDS        Homo sapiens (human)
SOURCE          Homo sapiens
ORGANISM        Homo sapiens
REFERENCE
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AUTHORS          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                  Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
TITLE            Heinrich,G. and Kerb,R.
JOURNAL          Methods for the treatment of cancer with irinotecan based on CYP3A5
                  Patent: WO 03013534-A 523 20-FEB-2003;
                  Epidauros Biotechnologie AG (DE)
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/organism="Homo sapiens"
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Best Local Similarity 89.5%; Pred. No. 1e+03;
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Db 19 CTCGTGATCGCCGCCCTC 1

RESULT 970
AX706827
LOCUS AX706827 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 524 from Patent WO03013534.
ACCESSION AX706827
VERSION AX706827.1 GI:29563250
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Heinrich, G. and Kerb, R.
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5
JOURNAL Patent: WO 03013534-A 524 20-FEB-2003;
Epidaurus Biotechnologie AG (DE)
FEATURES Location/Qualifiers
source 1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
misc_feature 10
/note="y=c or t"

Query Match 0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCCGCCACCTC 2333
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Db 1 CTCGTGATCGCCGCCCTC 19

RESULT 971
AX706830/c
LOCUS AX706830 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 527 from Patent WO03013534.
ACCESSION AX706830
VERSION AX706830.1 GI:29563253
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Heinrich, G. and Kerb, R.
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5
JOURNAL Patent: WO 03013534-A 527 20-FEB-2003;
Epidaurus Biotechnologie AG (DE)
FEATURES Location/Qualifiers
source 1..19
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"
misc_feature 10
/note="y=c or t"

Query Match 0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCCACCATCTCC 2193
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Db 19 CGGGTTACRCCATCTCC 1

RESULT 972
AX706831
LOCUS AX706831 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 528 from Patent WO03013534.
ACCESSION AX706831
VERSION AX706831.1 GI:29563254
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Heinrich, G. and Kerb, R.
TITLE Methods for the treatment of cancer with irinotecan based on CYP3A5
JOURNAL Patent: WO 03013534-A 528 20-FEB-2003;
Epidaurus Biotechnologie AG (DE)
FEATURES Location/Qualifiers
source 1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
misc_feature 10
/note="r=a or g"

Query Match 0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCCACCATCTCC 2193
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Db 1 CGGGTTACRCCATCTCC 19

RESULT 973
AX707756/c
LOCUS AX707756 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 523 from Patent WO03013536.
ACCESSION AX707756
VERSION AX707756.1 GI:29563929
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1
AUTHORS Heinrich, G. and Kerb, R.
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1
JOURNAL Patent: WO 03013536-A 523 20-FEB-2003;
Epidaurus Biotechnologie AG (DE)
FEATURES Location/Qualifiers
source 1..19
/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
misc_feature 10
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Query Match 0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTCGTGATCGCCACCTC 2333
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Db 19 CTCGTGATCGCCGCCCTC 1

RESULT 974
AX707757
LOCUS AX707757 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 524 from Patent WO03013536.
ACCESSION AX707757
VERSION AX707757.1 GI:29563930

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KEYWORDS      Homo sapiens (human)
SOURCE        Homo sapiens
ORGANISM      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE     1
AUTHORS       Heinrich, G. and Kerb, R.
TITLE         Methods for treatment of cancer using irinotecan based on UGT1A1
JOURNAL       Epidauros Biotechnologie AG (DE)
FEATURES      Location/Qualifiers
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Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2315 CTGCTGATCGCCACCTC 2333
Db 1 CTGCTGATCGCCGCGCTC 19
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RESULT 975
AX707760/c
LOCUS AX707760 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 527 from Patent WO03013536.
ACCESSION AX707760
VERSION AX707760.1 GI:29563933
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Heinrich, G. and Kerb, R.
TITLE Methods for treatment of cancer using irinotecan based on UGT1A1
JOURNAL Epidauros Biotechnologie AG (DE)
FEATURES Location/Qualifiers
          source          1..19
                           /organism="Homo sapiens"
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                           /note="y=c or t"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCGCCACCATCTCC 2193
Db 19 CGGGTTCACRCCCATCTCC 1
|||||:|||||

RESULT 976
AX707761
LOCUS AX707761 19 bp DNA linear PAT 04-APR-2003
DEFINITION Sequence 528 from Patent WO03013536.
ACCESSION AX707761
VERSION AX707761.1 GI:29563934
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
          Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Heinrich, G. and Kerb, R.

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TITLE         Methods for treatment of cancer using irinotecan based on UGT1A1
JOURNAL       Epidauros Biotechnologie AG (DE)
FEATURES      Location/Qualifiers
              source          1..19
                           /organism="Homo sapiens"
                           /mol_type="unassigned DNA"
                           /db_xref="taxon:9606"
              misc_feature    10
                           /note="t=a or g"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1e+03;
Matches 17; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2175 CGGGTTCGCCACCATCTCC 2193
Db 1 CGGGTTCACRCCCATCTCC 19
|||||:|||||

RESULT 977
AX923729/c
LOCUS AX923729 19 bp DNA linear PAT 18-DEC-2003
DEFINITION Sequence 164 from Patent WO03080638.
ACCESSION AX923729
VERSION AX923729.1 GI:40216745
KEYWORDS synthetic construct
          synthetic construct
          artificial sequences.
SOURCE 1
ORGANISM Lacasse, E., Mcmanus, D. and Durkin, J.P.
REFERENCE Antisense iap nucleobase oligomers and uses thereof
          Patent: WO 03080638-A 164 02-OCT-2003;
          Aegera Therapeutics Inc. (CA)
JOURNAL
FEATURES Location/Qualifiers
          source          1..19
                           /organism="synthetic construct"
                           /mol_type="unassigned DNA"
                           /db_xref="taxon:32630"
                           /note="based on Homo sapiens. Each nucleobase may be part
                           of a ribonucleotide, deoxyribonucleotide, or nucleotide
                           analog-n = T or U"

Query Match      0.7%; Score 17; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCGCTCGCTCC 2206
Db 19 TCTCTGCTCGCTCGCTCC 2
|||||:|||||

RESULT 978
AR152875/c
LOCUS AR152875 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 155 from patent US 6235470.
ACCESSION AR152875
VERSION AR152875.1 GI:15120407
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky, D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 155 22-MAY-2001;
FEATURES Location/Qualifiers
          source          1..20
                           /organism="unknown"
                           /mol_type="unassigned DNA"

Query Match      0.7%; Score 17; DB 1; Length 20;

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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTCAGTGG 2141
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Db 20 AGGCTGGAGTCAGTGG 4

RESULT 979
AR162414/C
LOCUS AR162414 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 94 from patent US 6258600.
ACCESSION AR162414
VERSION AR162414.1 GI:162229592
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.

REFERENCE 1 (bases 1 to 20)
AUTHORS Zhang H. and Cowart, L.M.
TITLE Antisense modulation of caspase 8 expression
JOURNAL Patent: US 6258600-A 94 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTCAGTGG 2141
|||||
Db 20 AGGCTGGAGTCAGTGG 4

RESULT 980
AX477118
LOCUS AX477118 20 bp DNA linear PAT 12-AUG-2002
DEFINITION Sequence 209 from Patent WO0220848.
ACCESSION AX477118
VERSION AX477118.1 GI:22216371
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P.,
Luis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.
TITLE Gene and sequence variation associated with cancer
JOURNAL Patent: WO 0220848-A 209 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTA 2356
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Db 4 CCAAAGTCTGGGATTA 20

RESULT 981
AX526494
LOCUS AX526494 20 bp DNA linear PAT 21-NOV-2002
DEFINITION Sequence 209 from Patent WO0220847.
ACCESSION AX526494

VERSION AX526494.1 GI:25171301

KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Bodnar, J.S., Castellani, L.W., Chatterjee, A., de Jong, P.,
Luis, A.J., Ohmen, J., Ross, D., Tafuri, S. and Wu, C.
TITLE Gene and sequence variation associated with lipid disorder
JOURNAL Patent: WO 0220847-A 209 14-MAR-2002;
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA (US)

FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Synthetic Primer"

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAAGTCTGGGATTA 2356
|||||
Db 4 CCAAAGTCTGGGATTA 20

RESULT 982

AX811386

LOCUS AX811386 20 bp DNA linear PAT 02-DEC-2003
DEFINITION Sequence 75 from Patent WO03062469.

ACCESSION AX811386

VERSION AX811386.1 GI:38635608

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1

AUTHORS Stefansson, S.E.
TITLE Gene matn3 or matrilin-3 linked to osteoarthritis treatment
JOURNAL Patent: WO 03062469-A 75 31-JUL-2003;
Decode Genetics EHP. (IS)

FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer that hybridizes to the human MATN3 gene"

Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTG 2167
|||||
Db 3 GCTCACTGCAAGCTCTG 19

RESULT 983

BD134331/c

LOCUS BD134331/c 20 bp DNA linear PAT 18-SEP-2002
DEFINITION Detection of neoplasia by analysis of saliva.

ACCESSION BD134331

VERSION BD134331.1 GI:23229276

KEYWORDS JP 2002505888-A/155.

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE 1 (bases 1 to 20)

AUTHORS Sidlanski, D.

TITLE Detection of neoplasia by analysis of saliva

JOURNAL Patent: JP 2002505888-A 155 26-FEB-2002;

THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE


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COMMENT
OS Artificial Sequence
PN JP 2002503888-A/155
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PR 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FT Key Location/Qualifiers
FT .source 1..20
FT .source /organism="Artificial Sequence".
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Query Match 0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2125 AGGCTGGAGTGCAGTGG 2141
    |||||
Db 20 AGGCTGGAGTGCAGTGG 4

RESULT 984
HUMUT5223A
LOCUS 64 bp DNA linear STS 28-DEC-1994
DEFINITION Human STS UM5223, 5' primer bind, sequence tagged site.
ACCESSION L31134
VERSION L31134.1 GI:604619
KEYWORDS STS; PCR primer; STS sequence; dinucleotide repeat; microsatellite
SOURCE DNA; microsatellite marker; sequence tagged site.
ORGANISM Homo sapiens (human)
REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 64)
Garten,S.C., Matsunami,N., Plaetke,R., Albertsen,H., Ballard,L.,
Melis,R., Lawrence,E., Moore,M., Holik,P.R., Carlson,M., Zhao,X.,
Robertson,M., Bradley,P., Elsner,T., Tingey,A., Lalouel,J.-M. and
White,R.
Genetic and physical mapping of simple sequence repeat containing
sequence tagged sites from the human genome
Unpublished (1994)
JOURNAL Original source text: Homo sapiens DNA.
COMMENT Submitted by: Utah Center for Human Genome Research University of
Utah, Dept. of Human Genetics
2160 Eccles Institute of Human Genetics
Salt Lake City, UT 84112
e-mail: sts@corona.med.utah.edu
Primer A: CACTGCACCTCCAGGCTGGG
Primer B: AGGTGGAGTGCAGTGAGC
End to Label: Primer B
PCR Profile:
Initial Denaturation: 94C 300sec
Cycles Denaturation Annealing Extension 5 94
50 C 10 sec. 50 C 10 sec. 72 C 20 sec. 30
50 C 10 sec. 72 C 20 sec. Mg++: 0.00 mM
Gel: Acrylamide 7%, Formamide 32%, Urea 34%
Alleles: 0.
FEATURES
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                /db_xref="taxon:9606"
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Best Local Similarity 61.9%; Pred. No. 9.7e+02;
Matches 26; Conservative 0; Mismatches 16; Indels 0; Gaps 0;

OS Artificial Sequence
PN JP 2002503888-A/155
PD 26-FEB-2002
PF 10-MAR-1999 JP 2000535774
PR 10-MAR-1998 US 09/038637
PI DAVID SIDLANSKI
PC C12N15/09,C12Q1/68,C12N15/00
CC nucleotide
FT Key Location/Qualifiers
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FT .source /organism="Artificial Sequence".
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Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2326 CCCACCTCGGCTCCCAAAG 2345
    |||||
Db 1 CCTGCCTCGGCTCCCAAAG 20

RESULT 986
AR112674/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 38 from patent US 6130088.
ACCESSION AR112674
VERSION AR112674.1 GI:14092574
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia,B.P. and Cowsert,L.M.
TITLE Antisense modulation of telomeric repeat binding factor 1
expression
JOURNAL Patent: US 6130088-A 38 10-OCT-2000;
FEATURES
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Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2261 TTTAGTAGACAGGCTTTC 2280
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Db 20 TTTAGTAGACGCGGTTTC 1

RESULT 987
AR124511/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 80 from patent US 6171860.
ACCESSION AR124511
VERSION AR124511.1 GI:14109872
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unknown.

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Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bader,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 80 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACTCGGCTCCCAAG 2345
Db 20 CCAGCTCGGCTCCCAAG 1

RESULT 988
AR124512/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 81 from patent US 6171860.
ACCESSION AR124512
VERSION AR124512.1 GI:14109873
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 81 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATG 2364
Db 20 GTACTGGATTACAGGCATG 1

RESULT 989
AR152855/c
LOCUS 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 135 from patent US 6235470.
ACCESSION AR152855
VERSION AR152855.1 GI:15120387
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 135 22-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTTACCCAGGCT 2129
Db 20 CTTGCTTGTTCACCCAGGCT 1

Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Bader,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 80 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACTCGGCTCCCAAG 2345
Db 20 CCAGCTCGGCTCCCAAG 1

RESULT 988
AR124512/c
LOCUS 20 bp DNA linear PAT 16-MAY-2001
DEFINITION Sequence 81 from patent US 6171860.
ACCESSION AR124512
VERSION AR124512.1 GI:14109873
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Baker,B.F. and Cowseert,L.M.
TITLE Antisense inhibition of rank expression
JOURNAL Patent: US 6171860-A 81 09-JAN-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTGCTGGATTACAGGCATG 2364
Db 20 GTACTGGATTACAGGCATG 1

RESULT 989
AR152855/c
LOCUS 20 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 135 from patent US 6235470.
ACCESSION AR152855
VERSION AR152855.1 GI:15120387
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Sidransky,D.
TITLE Detection of neoplasia by analysis of saliva
JOURNAL Patent: US 6235470-A 135 22-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTTACCCAGGCT 2129
Db 20 CTTGCTTGTTCACCCAGGCT 1

Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Miraglia,L.J., Nero,P., Graham,M.J. and Monia,B.P.
TITLE Antisense oligonucleotide modulation of human mdm2 expression
JOURNAL Patent: US 6238921-A 26 29-MAY-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTATTAAGAAGCT 1

RESULT 991
AR162415/c
LOCUS 20 bp DNA linear PAT 17-OCT-2001
DEFINITION Sequence 95 from patent US 6258600.
ACCESSION AR162415
VERSION AR162415.1 GI:16229593
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Zhang,H. and Cowseert,L.M.
TITLE Antisense modulation of caspase 8 expression
JOURNAL Patent: US 6258600-A 95 10-JUL-2001;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTTGGCTCACTGCAAGC 2163
Db 20 GATCTCGGCTCACCGCAAGC 1

RESULT 992
AR176770
LOCUS 20 bp DNA linear PAT 17-DEC-2001
DEFINITION Sequence 25 from patent US 6312900.
ACCESSION AR176770
VERSION AR176770.1 GI:17919125
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Dean,N.M., McKay,R., Miraglia,L. and Baker,B.
TITLE Antisense oligonucleotide compositions and methods for the
modulation of activating protein 1
JOURNAL Patent: US 6312900-A 25 06-NOV-2001;
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FEATURES             Location/Qualifiers
     source
       1..20
         /organism="unknown"
         /mol_type="unassigned DNA"

Query Match              0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity    90.0%; Pred.No.1.le+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2326   CCCACCTCGGCCTCCCAAAG 2345
          ||| ||||| ||||| |||||
Db       1   CCTGCGTGGCCTCCCAAAG 20

RESULT 993
BD237996 LOCUS           BD237996                20 bp      DNA            linear      PAT 17-JUL-2003
DEFINITION Gastric polypeptide ZSIG28.
ACCESSION   BD237996
VERSION     BD237996.1 GI:33047766
KEYWORDS    JP 2002524103-A/5.
SOURCE      synthetic construct
ORGANISM    synthetic sequences.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Sheppard,P.O. and Foley,K.P.
TITLE      Gastric polypeptide ZSIG28
JOURNAL    Patent: JP 2002524103-A 5 06-AUG-2002;
           ZYMOGENETICS INC

COMMENT     OS Artificial Sequence
            PN JP 2002524103-A/5
            PD 06-AUG-2002
            PF 14-SEP-1998 JP 2000570197
            PR 16-SEP-1998 US 09/154444
            PI PAUL O SHEPPARD, KEVIN P FOLEY
            PC C12N15/09,A61K38/00,A61K39/395,A61P1/04,A61P1/14,
            PC A61P3/08,
            PC A61P5/50,A61P31/04,A61P31/10,A61P35/00,C07K14/47,C07K16/18,PC
            C12N1/15,
            PC C12N1/19,C12N1/21,C12N5/10,C12P21/02,C12P21/08,C12Q1/02 PC
            C12Q1/68,G01N33/15,
            PC G01N33/50,G01N33/53,G01N33/577,C12N15/00,C12N5/00,A61K37/02 CC
            CC Oligonucleotide primer ZC12502
            FH Key Location/Qualifiers
            FT source 1..20
            FT /organism='Artificial Sequence'.

FEATURES             Location/Qualifiers
     source
       1..20
         /organism="synthetic construct"
         /mol_type="genomic DNA"
         /db_xref="taxon:32630"

Query Match              0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity    90.0%; Pred.No.1.le+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2347   GCTGGATTACAGGCATGAG 2366
          ||| ||||| ||||| |||||
Db       1   GCTAGGATTACAGGCGTGAG 20

RESULT 994
CQ758958/c LOCUS           CQ758958                20 bp      DNA            linear      PAT 01-MAR-2004
DEFINITION Sequence 82 from Patent WO2003104489.
ACCESSION   CQ758958
VERSION     CQ758958.1 GI:44848962
KEYWORDS
SOURCE      synthetic construct
ORGANISM    synthetic construct
REFERENCE   1
AUTHORS      Platzer,M., Platzer,C., Gudermann,T., Hebebrand,J., Hinney,A. and

```

Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2229 TGTGCCACACACCTGGCTA 2248
Db 1 TGTGCCACTACACCTGGCTA 20

RESULT 997

LOCUS CQ784102 20 bp DNA linear PAT 17-MAR-2004
DEFINITION Sequence 4242 from Patent EP1396543.
ACCESSION CQ784102
VERSION CQ784102.1 GI:45538590
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Ota, T., Nishikawa, T., Isogai, T., Hayashi, K., Ishii, S., Kawai, Y., Wakamatsu, A., Sugiyama, T., Negai, K., Kojima, S., Otsuki, T. and Koga, H.
TITLE Primers for synthesizing full length cDNA clones and their use
JOURNAL Patent: EP 1396543-A 4242 10-MAR-2004;
RESEARCH Association for Biotechnology (JP)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Description of Artificial Sequence: an artificially synthesized primer se q uence"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2262 TTAGTAGAGACGGTTTCA 2281
Db 1 TTAGTAGAGACGGTTTCA 20

RESULT 998

LOCUS CQ786093/c 20 bp DNA linear PAT 24-MAR-2004
DEFINITION Sequence 17 from Patent WO2004018711.
ACCESSION CQ786093
VERSION CQ786093.1 GI:45721196
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1
AUTHORS Ming-Qing, D.
TITLE Diagnostic test
JOURNAL Patent: WO 2004018711-A 17 04-MAR-2004;
UNIVERSITY College London (GB)
FEATURES Location/Qualifiers
source 1..20
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="primer for amplification of D3S1611"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2337 CTCCCAAGTCTGGGATTA 2356
Db 20 CTCTCGAAGTCTGGGATTA 1

RESULT 999

LOCUS AR205392 20 bp DNA linear PAT 20-JUN-2002
DEFINITION Sequence 76 from patent US 6368856.
ACCESSION AR205392
VERSION AR205392.1 GI:21502963
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Monia, B. P. and Wyatt, J.
TITLE Antisense inhibition of Phosphorylase kinase beta expression
JOURNAL Patent: US 6368856-A 76 09-APR-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="unassigned DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGT 2134
Db 1 TCTGTCACCCAGGCTGGTGT 20

RESULT 1000

LOCUS AR215876/c 20 bp DNA linear PAT 25-SEP-2002
DEFINITION Sequence 17 from patent US 6410325.
ACCESSION AR215876
VERSION AR215876.1 GI:23314132
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)
AUTHORS Bennett, C. F., Freier, S. M. and Watt, A. T.
TITLE Antisense modulation of phospholipase A2, group VI (Ca2+-independent) expression
JOURNAL Patent: US 6410325-A 17 25-JUN-2002;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
/mol_type="genomic DNA"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGGTGGGATTACAGGTAT 1

RESULT 1001

LOCUS AR271780/c 20 bp DNA linear PAT 10-APR-2003
DEFINITION Sequence 24 from patent US 6503754.
ACCESSION AR271780
VERSION AR271780.1 GI:29703348
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

REFERENCE 1 (bases 1 to 20)

AUTHORS Zhang, H. and Wyatt, J.
TITLE Antisense modulation of BH3 interacting domain death agonist expression
JOURNAL Patent: US 6503754-A 24 07-JAN-2003;
FEATURES Location/Qualifiers

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source      1. .20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2193 CTGCCTCAGCTCCCAATTA 2212
      |||||
Db 20 CTGCCTCAGCTCCCGAGTA 1

RESULT 1002
AR337146
LOCUS AR337146 20 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 71 from patent US 6566135.
ACCESSION AR337146
VERSION AR337146.1 GI:33723000
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source      1. .20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2325 GCCCACCTCGGCTCCCAA 2344
      |||||
Db 1 GCCCACCTGGACTCCCAA 20

RESULT 1003
AR370249/c
LOCUS AR370249 20 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 70 from patent US 6300132.
ACCESSION AR370249
VERSION AR370249.1 GI:34606755
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source      1. .20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2272 CAGGGTTTCCCGTTTACG 2291
      |||||
Db 20 CAGGGTTTCCCGTTTGGC 1

RESULT 1004
AR370251/c
LOCUS AR370251 20 bp DNA linear PAT 12-SEP-2003
DEFINITION Sequence 72 from patent US 6300132.
ACCESSION AR370251
VERSION AR370251.1 GI:34606757
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source      1. .20
            /organism="unknown"
            /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2323 CCGCCACCTCGGCTCCCA 2342
      |||||
Db 20 CCACCAACTCGGCTCCCA 1

RESULT 1005
AR180379/c
LOCUS AR180379 20 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 16 from Patent WO0146260.
ACCESSION AR180379
VERSION AR180379.1 GI:15132316
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source      1. .20
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            /mol_type="unassigned DNA"
            /db_xref="taxon:32830"
            /note="UNF14 PRIMER"

Query Match
Best Local Similarity 0.7%; Score 16.8; DB 1; Length 20;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2350 GGGATTACAGCATGAGCCA 2369
      |||||
Db 20 GGGATTACAGGTGTGAGCCA 1

RESULT 1006
AX195352/c
LOCUS AX195352 20 bp DNA linear PAT 28-AUG-2001
DEFINITION Sequence 56 from Patent WO0151631.
ACCESSION AX195352
VERSION AX195352.1 GI:15385901
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL

```

Reeke-Kunz, Angelika (DE) ; Ross, Xiaolan (DE) ; Ross, Ralf (DE) ;
 Bros, Matthias (DE)
 FEATURES
 source
 Location/Qualifiers
 1. .20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="artificial sequence"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 2317 CCGTATCGCCCGCTCGGC 2336
 Db 20 CATGATCGCCCGCTCGGC 1

RESULT 1007
 LOCUS AX657318 20 bp DNA linear PAT 22-MAR-2003
 DEFINITION Sequence 31 from Patent WO02100896.
 ACCESSION AX657318
 VERSION AX657318.1 GI:29160058
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS dalla Venezia, N.L., Magnard, C.M., Lenoir, G.M. and Sinilnikova-Brard, O.
 TITLE Method for diagnosing cancer susceptibility
 JOURNAL Patent: WO 02100896-A 31 19-DEC-2002;
 CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) (FR);
 UNIVERSITE CLAUDE BERNARD - LYON 1 (FR)
 FEATURES
 source
 Location/Qualifiers
 1. .20
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="amorce PCR"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 2335 GCCTCCCAAGTGTGGAT 2354
 Db 1 GCCTCCCAAGTGTGGAT 20

RESULT 1008
 LOCUS AX962284/2 20 bp DNA linear PAT 14-JAN-2004
 DEFINITION Sequence 2 from Patent WO03104487.
 ACCESSION AX962284
 VERSION AX962284.1 GI:40881559
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1
 AUTHORS Petronis, A.
 TITLE Detection of epigenetic abnormalities and diagnostic method based thereon
 JOURNAL Patent: WO 03104487-A 2 18-DEC-2003;
 Centre For Addiction and Mental Health (CA)
 FEATURES
 source
 Location/Qualifiers
 1. .20
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="primer 'Alu For' (see Example 1)"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 2342 AAAGTGTGGGATTACAGGC 2361
 Db 20 AAAGTGTGGGATTACAGGC 1

RESULT 1009
 LOCUS BD073986/c 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION Antisense oligonucleotide specific to MDM2.
 ACCESSION BD073986
 VERSION BD073986.1 GI:22619589
 KEYWORDS JP 2001513996-A/25.
 SOURCE unidentified
 ORGANISM unidentified
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Chen, J., Agrawal, S. and Zhang, R.
 TITLE Antisense oligonucleotide specific to MDM2
 JOURNAL Patent: JP 2001513996-A 25 11-SEP-2001;
 HYBRIDON INC
 COMMENT OS Unidentified
 FN JP 2001513996-A/25
 PD 11-SEP-2001
 PF 18-AUG-1998 JP 2000507794
 PR 22-AUG-1997 US 08/916384, 06-MAY-1998 US 09/073567 PI
 JIANDONG CHEN, SUDHIR AGRAWAL, RUIWEN ZHANG
 PC C12N15/09; A61K31/47; A61K31/7088; A61K48/00; A61P35/00; C07H21/00,
 CC C12N15/00
 CC Strandedness: Both;
 CC Topology: Linear;
 CC Antisense oligonucleotide specific to MDM2
 FH Key Location/Qualifiers
 FT source 1. .20
 /organism="Unidentified".

FEATURES
 source
 Location/Qualifiers
 1. .20
 /organism="unidentified"
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.1e+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
 QY 675 GTGAGTGAGACAGGTGTC 694
 Db 20 GTGAGTGAGACAGGTGTC 1

RESULT 1010
 LOCUS BD089017/c 20 bp DNA linear PAT 27-AUG-2002
 DEFINITION A method of arraying genome clone.
 ACCESSION BD089017
 VERSION BD089017.1 GI:22634627
 KEYWORDS JP 2001321190-A/1261.
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Soeda, E.
 TITLE A method of arraying genome clone
 JOURNAL Patent: JP 2001321190-A 1261 20-NOV-2001;
 THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
 COMMENT GENOTECHS
 OS Artificial Sequence
 FN JP 2001321190-A/1261
 PD 20-NOV-2001

PF 12-MAR-2001 JP 2001068285
 PI EIICHI SOEDA
 PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
 C12N15/00,
 PC C12N15/00
 CC Description of Artificial Sequence:Synthetic DNA FH Key
 FT Location/Qualifiers
 FT source 1..20
 /organism='Artificial Sequence'.
 /db_xref='taxon:32630'

FEATURES
 source
 1..20
 Location/Qualifiers
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.le+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2231 TGCACACACACCTGGCTTAAT 2250
 Db 20 TGCATCATCACCTGGATAAT 1

RESULT 1011
 BD128026
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

BD128026
 Primer for synthesizing full-length cDNA and use thereof.
 BD128026
 BD128026.1 GI:23222971
 JP 2002017375-A/3457.
 unidentified
 unclassified.

REFERENCE
 1 (bases 1 to 20)
 Ota,T., Nishikawa,T., Isogai,T., Hayashi,K., Ishii,S., Kawai,Y.,
 Wakamatsu,A., Sugiyama,T., Nagai,K., Kojima,S., Otsuki,T. and
 Koga,H.

TITLE
 Primer for synthesizing full-length cDNA and use thereof

JOURNAL
 HELIX RESEARCH INSTITUTE

COMMENT
 OS Unidentified
 PN JP 2002017375-A/3457

PD 22-JAN-2002

PF 07-JUL-2000 JP 200253172

PI TOSHIO OTA,TETSUO NISHIKAWA,TAKAO ISOGAI,KOJI HAYASHI,SHIZUKO

PI ISHII,
 PI YURI KAWAI,AI WAKAMATSU,TOMOYASU SUGIYAMA,KEIICHI NAGAI, PI

SHINICHI KOJIMA,
 PI TETSUJI OTSUKI,HISASHI KOGA

PC C12N15/09,C07K14/47,C07K16/18,C12N1/15,C12N1/19,C12N1/21,C12N5/ PC
 10,
 C12P21/02,C12Q1/68//C12P21/08,G06F17/30,C12N15/00,C12N5/00 CC

Description of Artificial Sequence: an artificially CC
 synthesized primer

CC sequence

FH Key Location/Qualifiers

FT source 1..20

FT Location/Qualifiers

1..20
 /organism="Unidentified".
 /mol_type="genomic DNA"
 /db_xref="taxon:32644"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.le+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2262 TTAGTAGACACGGTTTCA 2281

Db 1 TTAGTAGACACGGTTTCA 20

RESULT 1012
 BD134311/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD134311

Detection of neoplasia by analysis of saliva.

BD134311

BD134311.1 GI:23229256

JP 2002505888-A/135.

synthetic construct

artificial sequences.

1 (bases 1 to 20)

Sidlanski,D.

Detection of neoplasia by analysis of saliva

Patent: JP 2002505888-A 135 26-FEB-2002;

THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE

OS Artificial Sequence

PN JP 2002505888-A/135

PD 26-FEB-2002

PF 10-MAR-1999 JP 2000535774

PR 10-MAR-1998 US 09/038637

PI DAVID SIDLANSKI

PC C12N15/09,C12Q1/68,C12N15/00

CC nucleotide

FH Key Location/Qualifiers

FT source 1..20

FT Location/Qualifiers

1..20
 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"

Query Match 0.7%; Score 16.8; DB 1; Length 20;
 Best Local Similarity 90.0%; Pred. No. 1.le+03;
 Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTATCCAGGCT 2129

Db 20 CTTGCTTTGTACCCAGGCT 1

RESULT 1013

BD138100/c

LOCUS

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

BD138100

Antisense modulation of human MDM2 expression.

BD138100

BD138100.1 GI:23233045

JP 2002508944-A/26.

unidentified

unclassified.

1 (bases 1 to 20)

Miraglia,L.J., Nero,P., Graham,M.J., Monia,B.P. and Cowsett,L.M.

Antisense modulation of human MDM2 expression

Patent: JP 2002508944-A 26 26-MAR-2002;

ISIS PHARMACEUTICALS INC

OS Unidentified

PN JP 2002508944-A/26

PD 26-MAR-2002

PF 26-MAR-1999 JP 2000538025

PR 26-MAR-1998 US 09/048810

PI LOREN J MIRAGLIA,PAMELA NERO,MARK J GRAHAM,BRETT P MONIA,LEX M

COMSERT

PC C12N15/09,A61K48/00,A61P9/10,A61P17/06,A61P35/00,C07H21/04//

PC C12Q1/68,

PC C12N15/00

CC Strandedness: Single;

CC Topology: Linear;

CC Antisense modulation of human MDM2 expression FH Key

CC Location/Qualifiers

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FT source 1..20 /organism='Unidentified'.
FT Location/Qualifiers
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   /organism='unidentified'
   /mol_type='genomic DNA'
   /db_xref='taxon:32644'

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTACATGTGCAAGAGCT 1714
Db 20 TTACATGTATAGAAGCT 1

RESULT 1014
LOCUS AR154017/c 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 67 from patent US 6238863.
ACCESSION AR154017
VERSION AR154017.1 GI:15122070
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Materials and methods for indentifying and analyzing intermediate
JOURNAL tandem repeat DNA markers
Patent: US 6238863-A 67 29-MAY-2001;
FEATURES
   source
   1..21
   /organism='unknown'
   /mol_type='unassigned DNA'

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCAGGCTG 2130
Db 20 TTGCTCTGTACCAGGCTG 1

RESULT 1015
LOCUS AR154062/c 21 bp DNA linear PAT 08-AUG-2001
DEFINITION Sequence 112 from patent US 6238863.
ACCESSION AR154062
VERSION AR154062.1 GI:15122115
KEYWORDS
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Schumm,J.W. and Bacher,J.W.
TITLE Materials and methods for indentifying and analyzing intermediate
JOURNAL tandem repeat DNA markers
Patent: US 6238863-A 112 29-MAY-2001;
FEATURES
   source
   1..21
   /organism='unknown'
   /mol_type='unassigned DNA'

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTATACCA 2125
Db 20 GAGTCTTACTCTGTGTGCCA 1

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RESULT 1016
LOCUS AX183700/c 21 bp DNA linear PAT 06-AUG-2001
DEFINITION Sequence 1453 from Patent WO0142511.
ACCESSION AX183700
VERSION AX183700.1 GI:15135022
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1453 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipseis
Biotherapeutics Corporation (CA)
FEATURES
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   1..21
   /organism='Homo sapiens'
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   /db_xref='taxon:9606'

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCTC 2116
Db 21 TTTNGAGACAGAGCTAGCTC 1

RESULT 1017
LOCUS BD056594/c 21 bp DNA linear PAT 27-AUG-2002
DEFINITION Method to diagnose and treat pathological conditions resulting from
deficient ion transport.
ACCESSION BD056594
VERSION BD056594.1 GI:22602200
KEYWORDS JP 2001508291-A/51.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 21)
AUTHORS Lifton,R.P. and Simon,D.B.
TITLE Method to diagnose and treat pathological conditions resulting from
JOURNAL deficient ion transport
Patent: JP 2001508291-A 51 26-JUN-2001;
COMMENT YALE UNIVERSITY
OS Artificial Sequence
PN JP 2001508291-A/51
PD 26-JUN-2001
DP 19-DEC-1997 JP 1998530123
PR 31-DEC-1996 US 08/778052
PI RICHARD P LIFTON, DAVID B SIMON
PC C12N15/09, C07K14/435, C07K16/00, C12N1/15, C12N1/19, C12N1/21, PC
C12N5/10,
PC C12P21/02, C12Q1/68, G01N33/53, C12N15/00, C12N5/00 CC Primer
for analysis of human TSC gene
FH Key Location/Qualifiers.
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   /organism='synthetic construct'
   /mol_type='genomic DNA'
   /db_xref='taxon:32630'

Query Match 0.7%; Score 16.8; DB 1; Length 21;
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Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119

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Best Local Similarity 85.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2089 TTTATTTTTTTGAGACCGAGT 2109
Db 21 TTTTNTTTTNGAGCGGAGT 1

RESULT 1027
BD089277
LOCUS BD089277 22 bp DNA linear PAT 27-AUG-2002
DEFINITION A method of arraying genome clone.
ACCESSION BD089277
VERSION BD089277.1 GI:22634887
KEYWORDS JP 2001321190-A/1521.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1 (bases 1 to 22)
AUTHORS Soeda,E.
TITLE A method of arraying genome clone
JOURNAL Patent: JP 2001321190-A 1521 20-NOV-2001;
THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, YUGENKAISHA
GENOTECs

COMMENT OS Artificial Sequence
PN JP 2001321190-A/1521
PD 20-NOV-2001
PI 12-MAR-2001 JP 2001068285
PI EIICHI SORDA
PC C12N15/09,C12N15/09,C12M1/00,C12Q1/68,G01N33/53,G01N33/566, PC
C12N15/00,
PC C12N15/00
CC Description of Artificial Sequence:Synthetic DNA FH Key
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FT source 1..22
FT /organism='Artificial Sequence'.

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/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2095 TTTTGTGACCGAGTCTTGC 2114
Db 3 TTTTGTGACCGAGTCTTGC 22

RESULT 1028
AR094543
LOCUS AR094543 18 bp DNA linear PAT 08-SEP-2000
DEFINITION Sequence 45 from patent US 6001652.
ACCESSION AR094543
VERSION AR094543.1 GI:10021565
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 18)
AUTHORS Monia,B.P., Baker,B.F. and Cowsett,L.M.
TITLE Antisense modulation of CREL expression
JOURNAL Patent: US 6001652-A 45 14-DEC-1999;
FEATURES Location/Qualifiers
source 1..18
/organism="unknown"
/mol_type="unassigned DNA".

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTGCTGGATT 2355
Db 1 TCCCAAAGTGCTAGGATT 18

RESULT 1029
BD179445/c
LOCUS BD179445 18 bp DNA linear PAT 16-APR-2003
DEFINITION Genomic DNA participating in rheumatoid arthritis, method of diagnosing the same, method of judging the onset risk of the same and diagnostic for detecting the same.

ACCESSION BD179445
VERSION BD179445.1 GI:30016763
KEYWORDS WO 02079466-A/10.
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1 (bases 1 to 18)
AUTHORS Shiozawa,S., Komai,K., Yagi,H. and Matsuura,N.
TITLE Genomic DNA participating in rheumatoid arthritis, method of diagnosing the same, method of judging the onset risk of the same and diagnostic for detecting the same
JOURNAL Patent: WO 02079466-A 10 10-OCT-2002;
SHUNICHI SHIOZAWA,KOICHIRO KOMAI,HIROFUMI YAGI,NAO MATSUURA

COMMENT OS Artificial Sequence
PN WO 02079466-A/10
PD 10-OCT-2002
PF 29-MAR-2002 WO 2002JP003191
PF 30-MAR-2001 JP 01P 102006

PI SHUNICHI SHIOZAWA,KOICHIRO KOMAI,HIROFUMI YAGI,NAO MATSUURA PC
C12N15/09,C12Q1/68,G01N33/566,G01N33/50
CC Synthesized oligonucleotide
Location/Qualifiers
FH key 1..18
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/db_xref="taxon:32630"

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCAC 2370
Db 18 ATTACAGGCATGAGCCAC 1

RESULT 1030
AX115870/c
LOCUS AX115870 18 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 993 from Patent WO0129262.
ACCESSION AX115870
VERSION AX115870.1 GI:14032812
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 993 26-APR-2001;
Orchid BioSciences, Inc. (US)
FEATURES Location/Qualifiers
source 1..18
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/notes="Primer"

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Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2174 CCGGTTTCGACCATCT 2191
DB 18 CCGGTTTCACCATCT 1

RESULT 1031
AX116035
LOCUS AX116035
DEFINITION Sequence 1158 from Patent WO0129262.
ACCESSION AX116035
VERSION AX116035.1 GI:14032977
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 1158 26-APR-2001;
Orchid BioSciences, Inc. (US)
FEATURES
source
Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2319 TGATCCGCCACCTCGGC 2336
DB 1 TGATCGCCACCTCGGC 18

RESULT 1032
AX116663/c
LOCUS AX116663
DEFINITION Sequence 1786 from Patent WO0129262.
ACCESSION AX116663
VERSION AX116663.1 GI:14033605
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 1786 26-APR-2001;
Orchid BioSciences, Inc. (US)
FEATURES
source
Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCGTGAGCC 2368
DB 18 GGATTACAGGCGTGAGCC 1

RESULT 1033
AX118235/c

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LOCUS AX118235
DEFINITION Sequence 3358 from Patent WO0129262.
ACCESSION AX118235
VERSION AX118235.1 GI:14035186
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 3358 26-APR-2001;
Orchid BioSciences, Inc. (US)
FEATURES
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Location/Qualifiers
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/db_xref="taxon:32630"
/note="Primer"

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
DB 18 GCTGGGATGACAGGCATG 1

RESULT 1034
AX118471
LOCUS AX118471
DEFINITION Sequence 3594 from Patent WO0129262.
ACCESSION AX118471
VERSION AX118471.1 GI:14035422
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.
REFERENCE 1
AUTHORS Picoult-Newburg,L. and Pohl,M.
TITLE Genotyping reagents, kits and methods of use thereof
JOURNAL Patent: WO 0129262-A 3594 26-APR-2001;
Orchid BioSciences, Inc. (US)
FEATURES
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Location/Qualifiers
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/mol_type="unassigned DNA"
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/note="Primer"

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2325 GCCCACCTCGGCTCCCA 2342
DB 1 GCCCACCTTGGCCTCCCA 18

RESULT 1035
AX412182/c
LOCUS AX412182
DEFINITION Sequence 8 from Patent WO0222879.
ACCESSION AX412182
VERSION AX412182.1 GI:21444640
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Bacher,J.W., Flanagan,L. and Nassif,N.

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TITLE Detection of microsatellite instability and its use in diagnosis of tumors
JOURNAL Patent: WO 022879-A 8 21-MAR-2002;
PROMEGA CORPORATION (US)
FEATURES Location/Qualifiers

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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"
/note="MONO-15 primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2152 CTCACCTGCAAGCTCTGCC 2169

Db 18 CTCACCTGCAAGCTCTCGCC 1

RESULT 1036

AX598742/c 18 bp DNA linear PAT 14-FEB-2003
LOCUS AX598742
DEFINITION Sequence 82 from Patent WO02077272.
ACCESSION AX598742
VERSION AX598742.1 GI:28398880

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM

REFERENCE
AUTHORS Berlin,K., Braun,A., Distler,J., Guetig,D., Howe,A., Mueller,J.,
Olek,A., Piepenbrock,C., Adorjan,P., Grabs,G., Lesche,R., Leu,E.,
Lewin,A., Lipscher,E., Maier,S., Model,F., Mueller,V., Otto,T.,
Pelet,C. and Ziebarth,H.

TITLE Methods and nucleic acids for the analysis of hematopoietic cell
proliferative disorders

JOURNAL Patent: WO 02077272-A 82 03-OCT-2002;
Epigenomics AG (DE)
FEATURES Location/Qualifiers

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1. .18

/organism="Homo sapiens"
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Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2143 TGATCTTGGCTCACTGCA 2160

Db 18 TGATCTCGGCTCACTGCA 1

RESULT 1037

AX708864/c 18 bp DNA linear PAT 04-APR-2003
LOCUS AX708864
DEFINITION Sequence 46 from Patent WO02101045.
ACCESSION AX708864
VERSION AX708864.1 GI:29564594

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE

AUTHORS Patapoutian,A., Song,C., Ganju,P., Peier,A., McIntyre,P. and
Bevan,S.

TITLE Vanilloid receptor-related nucleic acids and polypeptides

JOURNAL Patent: WO 02101045-A 46 19-DEC-2002;

Novartis AG (CH); IRM LLC (BM)

FEATURES Location/Qualifiers

source

1. .18

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Oligonucleotide primer"

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2117 TGTACCACGAGCTGGAGT 2134

Db 18 TGTACCACGAGCTGGAGT 1

RESULT 1038

AX741030 18 bp DNA linear PAT 10-MAY-2003
LOCUS AX741030
DEFINITION Sequence 4 from Patent WO03027328.
ACCESSION AX741030
VERSION AX741030.1 GI:30523891

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE

AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J. and Williams,B.F.

TITLE Methods, kits and compositions pertaining to the suppression of

detectable probe binding to randomly distributed repeat sequences

JOURNAL Patent: WO 03027328-A 4 03-APR-2003;

Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)

FEATURES Location/Qualifiers

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/db_xref="taxon:32630"

/notes="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGATTACAGGCATG 2364

Db 1 GCTGGATTACAGGCATG 18

RESULT 1039

AX741042/c 18 bp DNA linear PAT 10-MAY-2003
LOCUS AX741042
DEFINITION Sequence 16 from Patent WO03027328.
ACCESSION AX741042
VERSION AX741042.1 GI:30523903

KEYWORDS

SOURCE synthetic construct

ORGANISM synthetic construct

artificial sequences.

REFERENCE

AUTHORS Kirtsen,N.V., Hyldig-Nielsen,J. and Williams,B.F.

TITLE Methods, kits and compositions pertaining to the suppression of

detectable probe binding to randomly distributed repeat sequences

JOURNAL Patent: WO 03027328-A 16 03-APR-2003;

Boston Probes, Inc. (US); DakoCytomation Denmark A/S (DK)

FEATURES Location/Qualifiers

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/mol_type="genomic DNA"
/db_xref="taxon:32630"

/notes="Description of Combined DNA/RNA Molecule:Synthetic
Oligomer Sequence-Synthetic Probe Sequence"

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Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
DB 18 GCTGGGATTACAGGCGTG 1

RESULT 1040
LOCUS A62883
DEFINITION Sequence 124 from Patent.WO9719110.
ACCESSION A62883
VERSION A62883.1 GI:3716771
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
AUTHORS Futreal,P.A., Wooster,R.F., Ashworth,A. and Stratton,M.R.
TITLE MATERIALS AND METHODS RELATING TO THE IDENTIFICATION AND SEQUENCING
JOURNAL OF THE BRCA2 CANCER SUSCEPTIBILITY GENE AND USES THEREOF
COMMENT Patent: WO 9719110-A 124 29-MAY-1997;
CANCER RES CAMPAIGN TECH (GB)
Other publication AU 7635096 19970611
Other publication GB 2307477 19970528.
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/mol_type="unassigned DNA"
/db_xref="taxon:32644"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACGACATGAGCCAC 2370
DB 19 ATTACAGACATGAGCCAC 2

RESULT 1041
LOCUS AX183701/c
DEFINITION Sequence 1454 from Patent WO0142511.
ACCESSION AX183701
VERSION AX183701.1 GI:15135024
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1454 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGA 2269
DB 19 TTTTGTATNTTAGTAGA 1

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
DB 18 GCTGGGATTACAGGCGTG 1

RESULT 1040
LOCUS A62883
DEFINITION Sequence 124 from Patent.WO9719110.
ACCESSION A62883
VERSION A62883.1 GI:3716771
KEYWORDS
SOURCE unidentified
ORGANISM unclassified.
REFERENCE
AUTHORS Futreal,P.A., Wooster,R.F., Ashworth,A. and Stratton,M.R.
TITLE MATERIALS AND METHODS RELATING TO THE IDENTIFICATION AND SEQUENCING
JOURNAL OF THE BRCA2 CANCER SUSCEPTIBILITY GENE AND USES THEREOF
COMMENT Patent: WO 9719110-A 124 29-MAY-1997;
CANCER RES CAMPAIGN TECH (GB)
Other publication AU 7635096 19970611
Other publication GB 2307477 19970528.
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/mol_type="unassigned DNA"
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Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACGACATGAGCCAC 2370
DB 19 ATTACAGACATGAGCCAC 2

RESULT 1041
LOCUS AX183701/c
DEFINITION Sequence 1454 from Patent WO0142511.
ACCESSION AX183701
VERSION AX183701.1 GI:15135024
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1454 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)
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/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2251 TTTTGTACTTTTAGTAGA 2269
DB 19 TTTTGTATNTTAGTAGA 1

Query Match          0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
DB 18 GCTGGGATTACAGGCGTG 1

RESULT 1042
LOCUS AX183900/c
DEFINITION Sequence 1653 from Patent WO0142511.
ACCESSION AX183900
VERSION AX183900.1 GI:15135231
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE
AUTHORS Daly,M., Hudson,T.J., Lander,E.S., Rioux,J. and Siminovitch,K.
TITLE Ibd-related polymorphisms
JOURNAL Patent: WO 0142511-A 1653 14-JUN-2001;
WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH (US) ; Ellipsis
Biotherapeutics Corporation (CA)
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source
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/organism="Homo sapiens"
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Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2094 TTTTGTGAGACCGAGTCTT 2112
DB 19 TTTTGTGAGACAGAGTCTT 1

RESULT 1043
LOCUS BD102660/c
DEFINITION Chimera animal.
ACCESSION BD102660
VERSION BD102660.1 GI:22648234
KEYWORDS WO 0187059-A/2.
SOURCE synthetic construct
ORGANISM artificial sequences.
REFERENCE
AUTHORS Mukaidani,C., Yoshizato,K. and Furukawa,T.
TITLE Chimera animal
JOURNAL Patent: WO 0187059-A 2 22-NOV-2001;
JAPAN SCIENCE AND TECHNOLOGY CORP, CHISE MUKAIDANI, KATSUTOSHI
YOSHIZATO, TOSHINORI FURUKAWA
COMMENT OS Artificial Sequence
PN WO 0187059-A/2
PD 22-NOV-2001
PF 18-MAY-2001 WO 2001JP004193
PR 19-MAY-2000 JP 00P 149079
PI CHISE MUKAIDANI,KATSUTOSHI YOSHIZATO,TOSHINORI FURUKAWA PC
A01K67/027,GOIN33/50,GOIN33/15
CC Description of Artificial Sequence: Synthesized CC
oligonucleotide
FH Key Location/Qualifiers
FT source 1..19
FT /organism='Artificial Sequence'.

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/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match          0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2190 CTCCTGCCTCAGCCTCCC 2207
DB 19 CTCCTGCCTCAGCCTCCC 1

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Db      19 CTCCTGCTCAGTCTCCC 2

RESULT 1044
LOCUS   BD137510
DEFINITION Chimera animal.
ACCESSION BD137510
VERSION   BD137510.1 GI:23232455
KEYWORDS JP 2002045087-A/2.
SOURCE   synthetic construct
ORGANISM artificial sequences.
REFERENCE 1 (bases 1 to 19)
AUTHORS Mukaidani,C., Yoshizato,K. and Furukawa,T.
TITLE    Chimera animal
JOURNAL  Patent: JP 2002045087-A 2 12-FEB-2002;
        JAPAN SCIENCE AND TECHNOLOGY CORP., HIROSHIMA INDUSTRIAL TECHNOLOGY
ORGANIZATION
COMMENT  OS Artificial Sequence
        PN JP 2002045087-A/2
        PD 12-FEB-2002
        PF 18-MAY-2001 JP 2001150098
        PI CHISE MUKAIDANI,KATSUTOSHI YOSHIZATO,TOSHINORI FURUKAWA PC
        A01K67/027,C12N15/09,C12Q1/02,G01N33/15,G01N33/50//C12Q1/02,PC
        C12R1:91,
        PC C12N15/00
        CC Description of Artificial Sequence: Synthesized CC
        FH Key Location/Qualifiers
        FT source 1..19
        /db_xref="taxon:32630"
        /organism="Artificial Sequence".
FEATURES
source 1..19
        /organism="synthetic construct"
        /mol_type="genomic DNA"
Query Match 0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2190 CTCCTGCTCAGTCTCCC 2207
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Db      19 CTCCTGCTCAGTCTCCC 2

RESULT 1045
LOCUS   AR011709
DEFINITION Sequence 19 from patent US 5763168.
ACCESSION AR011709
VERSION   AR011709.1 GI:3969699
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P., Soubrier,F.,
        Kotelevtsev,Y. and Corvol,P.
TITLE    Method to determine predisposition to hypertension
JOURNAL  Patent: US 5763168-A 19 09-JUN-1998;
FEATURES Location/Qualifiers
source 1..20
        /organism="unknown"
        /mol_type="unassigned DNA"
Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTGCAGT 2139
        |||||
Db      19 CTCCTGCTCAGTCTCCC 2

RESULT 1046
LOCUS   AR092309/c
DEFINITION Sequence 19 from patent US 5998145.
ACCESSION AR092309
VERSION   AR092309.1 GI:10019063
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P., Soubrier,F.,
        Kotelevtsev,Y. and Corvol,P.
TITLE    Method to determine predisposition to hypertension
JOURNAL  Patent: US 5998145-A 19 07-DEC-1999;
FEATURES Location/Qualifiers
source 1..20
        /organism="unknown"
        /mol_type="unassigned DNA"
Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTGCAGT 2139
        |||||
Db      18 CCGAGGCTGGAGTGCAGT 1

RESULT 1047
LOCUS   AR119526/c
DEFINITION Sequence 19 from patent US 6153386.
ACCESSION AR119526
VERSION   AR119526.1 GI:14102225
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Lalouel,J.-M. and Jeunemaitre,X.
TITLE    Method to determine predisposition to hypertension
JOURNAL  Patent: US 6153386-A 19 28-NOV-2000;
FEATURES Location/Qualifiers
source 1..20
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        /mol_type="unassigned DNA"
Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTGCAGT 2139
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Db      18 CCGAGGCTGGAGTGCAGT 1

RESULT 1048
LOCUS   AR122443/c
DEFINITION Sequence 19 from patent US 6165727.
ACCESSION AR122443
VERSION   AR122443.1 GI:14106760
KEYWORDS
SOURCE   Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 20)
AUTHORS Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P., Soubrier,F.,
        Kotelevtsev,Y. and Corvol,P.
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TITLE      Method to determine predisposition to hypertension
JOURNAL    Patent: US 6165727-A 19 26-DEC-2000;
FEATURES   Location/Qualifiers
            source
            1..20
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Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
||| ||||| ||||| |||||
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 1049
BD217343/c
LOCUS      BD217343          20 bp      DNA      linear      PAT 17-JUL-2003
DEFINITION Method of quantifying hypertensive constitution.
ACCESSION  BD217343
VERSION     BD217343.1 GI:33027113
KEYWORDS   JP 2002519012-A/19.
SOURCE      Homo sapiens (human)
ORGANISM    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE   1 (bases 1 to 20)
AUTHORS    Lalouel,J.M. and Jeunemaitre,X.
TITLE      Method of quantifying hypertensive constitution
JOURNAL    Patent: JP 2002519012-A 19 02-JUL-2002;
            UNIVERSITY OF UTAH RESEARCH FOUNDATION
COMMENT     OS Homo sapiens (human)
            PN JP 2002519012-A/19
            PD 02-JUL-2002
            PF 15-APR-1999 JP 2000557000
            PR 29-JUN-1998 US 09/106216
            PI JEAN MARC LALOUEL,XAVIER JEUNEMAITRE
            PC C12Q1/68,C12N15/09,C12N15/00
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FEATURES   source
            Location/Qualifiers
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            /mol_type="genomic DNA"
            /db_xref="taxon:9606"

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
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Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 1050
E07490/c
LOCUS      E07490          20 bp      DNA      linear      PAT 29-SEP-1997
DEFINITION Synthetic DNA for probe.
ACCESSION  E07490
VERSION     E07490.1 GI:2175628
KEYWORDS   JP 1994133798-A/5.
SOURCE      unidentified
            unclassified
            ORGANISM    unidentified
            1 (bases 1 to 20)
            AUTHORS    Hirotsu,T., Karashi,H., Matsuhisa,A. and Ono,N.
            TITLE      PROBE FOR DIAGNOSIS OF INFECTIOUS DISEASE
            JOURNAL    Patent: JP 1994133798-A 5 17-MAY-1994;
            FUSO YAKUHN KOGYO KK, ONO NORIYA

TITLE      Method to determine predisposition to hypertension
JOURNAL    Patent: US 6165727-A 19 26-DEC-2000;
FEATURES   Location/Qualifiers
            source
            1..20
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Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
||| ||||| ||||| |||||
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 1051
I33083/c
LOCUS      I33083          20 bp      DNA      linear      PAT 06-FEB-1997
DEFINITION Sequence 19 from patent US 5589584.
ACCESSION  I33083
VERSION     I33083.1 GI:1823874
KEYWORDS   .
SOURCE      Unknown.
            ORGANISM    Unknown.
            UNCLASSIFIED.
            1 (bases 1 to 20)
            AUTHORS    Lalouel,J.-M., Jeunemaitre,X., Lifton,R.P., Soubrier,F.,
            Kotelevtsev,Y. and Corvol,P.
            TITLE      Angiotensinogen gene variants and predisposition to hypertension
            JOURNAL    Patent: US 5589584-A 19 31-DEC-1996;
            FEATURES   Location/Qualifiers
            source
            1..20
            /organism="unknown"
            /mol_type="unassigned DNA"

Query Match      0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
||| ||||| ||||| |||||
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 1052
I80108/c
LOCUS      I80108          20 bp      DNA      linear      PAT 10-JUN-1998
DEFINITION Sequence 5 from patent US 5708159.
ACCESSION  I80108
VERSION     I80108.1 GI:3208398
KEYWORDS   .
SOURCE      Unknown.
            ORGANISM    Unknown.
            UNCLASSIFIED.
            1 (bases 1 to 20)
            AUTHORS    Ohno,T., Hirotsu,T., Keshi,H. and Matsuhisa,A.

```


TITLE Probe for diagnosing infectious diseases which hybridizes with DNA from candida albicans
JOURNAL Patent: US 5708159-A 5 13-JAN-1998;
FEATURES Location/Qualifiers
source 1..20
/organism="unknown"
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Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 GTTAGACCAAGCCATTG 410
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DB 20 GTTAGACCTAAGCCATTG 3

RESULT 1053
AR492707/c
LOCUS AR492707 20 bp DNA linear PAT 15-MAY-2004
DEFINITION Sequence 77 from patent US 6716975.
ACCESSION AR492707
VERSION AR492707.1 GI:47262221
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source 1..20
/organism="unknown"
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Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 519 AAGCAACACATATTGTA 536
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DB 18 AAGCAACACATGTTGTA 1

RESULT 1054
AX117763
LOCUS AX117763 20 bp DNA linear PAT 11-MAY-2001
DEFINITION Sequence 2886 from Patent WO0129262.
ACCESSION AX117763
VERSION AX117763.1 GI:14034714
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source 1..20
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/note="Primer"

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCGTAGCCAC 2370
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Db 1 ATTACAGGCGTAGCCAC 18
RESULT 1055
AX050293/c
LOCUS AX050293 21 bp DNA linear PAT 12-JAN-2001
DEFINITION Sequence 47 from Patent WO0070046.
ACCESSION AX050293
VERSION AX050293.1 GI:12226574
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
FEATURES
source 1..21
/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="chemically synthesized"

Query Match 0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGGCATG 2364
|||||
DB 19 GCTGGGACTACAGGCATG 2

RESULT 1056
BD161939/c
LOCUS BD161939 21 bp DNA linear PAT 17-JAN-2003
DEFINITION Polymorphism of upstream region of human cholecystokinin gene, identification method and reagent thereof, and method for diagnosis of anxiety disorders based thereon.

ACCESSION BD161939
VERSION BD161939.1 GI:27867697
KEYWORDS JP 2002171990-A/5.
SOURCE
ORGANISM
REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

OS Artificial Sequence
PN JP 2002171990-A/5
PD 18-JUN-2002
PF 08-DEC-2000 JP 2000375090
PI TAKEO YOSHIKAWA, EIJI HATTORI
PC C12N15/09,C12Q1/68,G01N33/53,G01N33/566,C12N15/00 CC
Description of Artificial Sequence: upstream primer p5 FH Key
Location/Qualifiers
FT source 1..21
/organism="Artificial Sequence".
FT Location/Qualifiers
1..21
/organism="synthetic construct"
/mol_type="genomic DNA"
/db_xref="taxon:32630"

Query Match 0.7%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 1.1e+03;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 2124 CAGGCTGGAGTGCAGTGG 2141
Db 21 CAGGCTGGAGTGCAGTGG 4

RESULT 1057
LOCUS A32358 21 bp DNA linear PAT 08-JUL-1996
DEFINITION Synthetic probe for human factor IX gene.
ACCESSION A32358
VERSION A32358.1 GI:1567351
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1 (bases 1 to 21)
AUTHORS
TITLE
JOURNAL
FEATURES
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        Location/Qualifiers
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                /db_xref="taxon:32630"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCACCG 2372
Db 1 GATTATAGGCGTGAGCCACTG 21

RESULT 1058
LOCUS AR043896 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 6 from patent US 5814716.
ACCESSION AR043896
VERSION AR043896.1 GI:5964904
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.
REFERENCE 1 (bases 1 to 21)
AUTHORS Jallat,S., Meulien,P., Pavirani,A. and Perraud,F.
TITLE Cell lines from a transgenic mouse which express biologically
JOURNAL active IX factor
FEATURES
    source
        Location/Qualifiers
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                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2352 GATTACAGGCATGAGCCACCG 2372
Db 1 GATTATAGGCGTGAGCCACTG 21

RESULT 1059
LOCUS AR061829/c 21 bp DNA linear PAT 29-SEP-1999
DEFINITION Sequence 21 from patent US 5843660.
ACCESSION AR061829
VERSION AR061829
KEYWORDS Unknown.
SOURCE Unknown.
ORGANISM Unclassified.

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REFERENCE 1 (bases 1 to 21)
AUTHORS Schumm,J.W., Micks,K.A. and Rabbach,D.R.
TITLE Multiplex amplification of short tandem repeat loci
JOURNAL Patent: US 5843660-A 21 01-DEC-1998;
FEATURES
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        Location/Qualifiers
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                /organism="unknown"
                /mol_type="unassigned DNA"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTCTGTATCCAGG 2127
Db 21 AGTCTCACTCTGTGTGCCAGG 1

RESULT 1060
LOCUS BD233960/c 21 bp DNA linear PAT 17-JUL-2003
DEFINITION Multiple amplification of short tandem repeat gene site.
ACCESSION BD233960
VERSION BD233960.1 GI:33043730
KEYWORDS JP 2002530121-A/21.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 21)
AUTHORS Schumm,J.W. and Sprecher,C.J.
TITLE Multiple amplification of short tandem repeat gene site
JOURNAL Patent: JP 2002530121-A 21 17-SEP-2002;
COMMENT PROMEGA CORP
    OS Homo sapiens (human)
    PN JP 2002530121-A/21
    PD 17-SEP-2002
    PF 24-NOV-1999 JP 2000584113
    PR 25-NOV-1998 US 09/199542
    PT JAMES W SCHUMM, CYNTHIA J SPRECHER
    PC C12Q1/68, C12N15/09, C12N15/09, G01N33/53, G01N33/566, G01N33/58,
    PC C12N15/00,
    PC C12N15/00,
    PC D14S548
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Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTCTGTATCCAGG 2127
Db 21 AGTCTCACTCTGTGTGCCAGG 1

RESULT 1061
LOCUS CQ760468 21 bp DNA linear PAT 03-MAR-2004
DEFINITION Sequence 25 from Patent WO2004003550.
ACCESSION CQ760468
VERSION CQ760468.1 GI:44903981
KEYWORDS synthetic construct
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1

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AUTHORS Leyland-Jones, B.
 TITLE Individualization of therapy with anticoagulants
 JOURNAL Patent: WO 2004003550-A 25 08-JAN-2004;
 Xanthus Life Sciences, Inc. (US)
 FEATURES Location/Qualifiers

source
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/organism="synthetic construct"
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Query Match 0.7%; Score 16.2; DB 1; Length 21;
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 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTACCGTGTAG 2290

Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1062
 CQ760567/c

LOCUS CQ760567 21 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 9 from Patent WO2004003229.

ACCESSION CQ760567

VERSION CQ760567.1 GI:44904070

KEYWORDS synthetic construct

SOURCE artificial sequences.

ORGANISM 1

REFERENCE Nex, B.R., Vogel, U., Rockenbauer, E. and Bukowy, Z.K.

AUTHORS Disease risk estimating method using sequence polymorphisms in a specific region of chromosome 19

TITLE Patent: WO 2004003229-A 9 08-JAN-2004;

JOURNAL Aarhus University (DK); Arbejdsmilj Instituttet (National

Institute of Occupational Health) (DK)

FEATURES Location/Qualifiers

source 1..21

/organism="synthetic construct"

/mol_type="unassigned DNA"

/db_xref="taxon:32630"

/note="Probe"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2153 TCACTGCAAGCTCTGCCCTCC 2173

Db 21 TCACTGCAAGCTCGGCTCCC 1

RESULT 1063
 CQ760693/c

LOCUS CQ760693 21 bp DNA linear PAT 03-MAR-2004

DEFINITION Sequence 135 from Patent WO2004003229.

ACCESSION CQ760693

VERSION CQ760693.1 GI:44904196

KEYWORDS synthetic construct

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1

AUTHORS Nex, B.R., Vogel, U., Rockenbauer, E. and Bukowy, Z.K.

TITLE Disease risk estimating method using sequence polymorphisms in a specific region of chromosome 19

JOURNAL Patent: WO 2004003229-A 135 08-JAN-2004;

Aarhus University (DK); Arbejdsmilj Instituttet (National

Institute of Occupational Health) (DK)

FEATURES Location/Qualifiers

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 /note="Probe"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
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 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2153 TCACTGCAAGCTCTGCCCTCC 2173

Db 21 TCACTGCAAGCTCGGCTCCC 1

RESULT 1064

CQ801123/c

LOCUS CQ801123 21 bp DNA linear PAT 05-MAY-2004

DEFINITION Sequence 114 from Patent WO20040033728.

ACCESSION CQ801123

VERSION CQ801123.1 GI:47057895

KEYWORDS synthetic construct

SOURCE artificial sequences.

ORGANISM 1

REFERENCE 1

AUTHORS van Dongen, J.J., Langerak, A.W., Schuurink, E.M., san Miguel, J.F.,

garzia Sanz, R., Parreira, A., Smith, J.L., Lavender, F.L.,

Morgan, G.J., Evans, P.A., Kneba, M., Hummel, M., Macintyre, E.A. and

Bastard, C.

TITLE Nucleic acid amplification primers for per-based clonality studies

JOURNAL Patent: WO 2004033728-A 114 22-APR-2004;

Erasmus Universiteit Rotterdam (NL); Van Dongen, Jacobus, Johannes,

Maria (NL)

FEATURES Location/Qualifiers

source 1..21

/organism="synthetic construct"

/mol_type="unassigned DNA"

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/note="Description of Artificial Sequence: 3'MBR2 primer (+1224)"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
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 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2232 GCCACCACACCTGGCTAATT 2252

Db 21 GCCACCACACCTGGCTAGTTT 1

RESULT 1065

E03635

LOCUS E03635 Synthetic DNA sequence of rat Ilu-1 alpha PCR primer.

DEFINITION E03635

ACCESSION E03635

VERSION E03635.1 GI:2171850

KEYWORDS JP 1992148678-A/1.

SOURCE synthetic construct

ORGANISM artificial sequences.

REFERENCE 1 (bases 1 to 21)

AUTHORS Sakano, K., Fujiwara, H., Azumabashi, N., Marumoto, Y. and Sato, Y.

TITLE POLYPEPTIDE

JOURNAL Patent: JP 1992148678-A 1 21-MAY-1992;

DAI ICHI SEIYAKU CO LTD

COMMENT OS Artificial gene

OC Artificial sequence; Genes.

OS Rattus sp. (rat)

PN JP 1992148678-A/1

PD 21-MAY-1992

PP 12-OCT-1990 JP 1990274194

PI SAKANO KATSUICHI, FUJIWARA HIROYUKI, AZUMABASHI NOBUYUKI, PI

MARUMOTO YASUNASA, SATO YOSHIO

PC C12N1/21, C07K7/10, C12N15/18//A61K37/02, C12P21/02, (C12N1/21, PC

C12R1:19),
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 CC strandedness: Single;
 CC topology: Linear;
 CC hypothetical: No;
 CC anti-sense: No; Location/Qualifiers
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 Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 352 TAACCACTTCACAGATTCAG 372
 DB 1 TCAGCACTTCACAGCTTCAG 21
 RESULT 1066
 AR252820/c
 LOCUS AR252820 21 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 21 from patent US 6479235.
 ACCESSION AR252820
 VERSION AR252820.1 GI:27301169
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE
 1 (bases 1 to 21)
 AUTHORS Schumm,J.W. and Sprecher,C.J.
 TITLE Multiplex amplification of short tandem repeat loci
 JOURNAL Patent: US 6479235-A 21 12-NOV-2002;
 FEATURES
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 Location/Qualifiers
 /organism="unknown"
 /mol_type="genomic DNA"
 Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2107 AGTCTTGCTGCTGTACCCAGG 2127
 DB 21 AGTCTCACTGCTGTGCCAGG 1
 RESULT 1067
 AX117258
 LOCUS AX117258 21 bp DNA linear PAT 11-MAY-2001
 DEFINITION Sequence 2381 from Patent WO0129262.
 ACCESSION AX117258
 VERSION AX117258.1 GI:14034209
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE
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 AUTHORS Picoult-Newburg,L. and Pohl,M.
 TITLE Genotyping reagents, kits and methods of use thereof
 JOURNAL Patent: WO 0129262-A 2381 26-APR-2001;
 Orchard BioSciences, Inc. (US)
 FEATURES
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 Location/Qualifiers
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 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 C12R1:19),
 CC (C12P21/02,C12R1:19),C07K99:00;
 CC strandedness: Single;
 CC topology: Linear;
 CC hypothetical: No;
 CC anti-sense: No; Location/Qualifiers
 FH Key misc_RNA 1..21
 FT /gene='rat IL-1 alpha PCR primer'.
 FT
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 /organism="synthetic construct"
 /mol_type="genomic DNA"
 /db_xref="taxon:32630"
 Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 352 TAACCACTTCACAGATTCAG 372
 DB 1 TCAGCACTTCACAGCTTCAG 21
 RESULT 1066
 AR252820/c
 LOCUS AR252820 21 bp DNA linear PAT 20-DEC-2002
 DEFINITION Sequence 21 from patent US 6479235.
 ACCESSION AR252820
 VERSION AR252820.1 GI:27301169
 KEYWORDS
 SOURCE Unknown.
 ORGANISM Unknown.
 REFERENCE
 1 (bases 1 to 21)
 AUTHORS Schumm,J.W. and Sprecher,C.J.
 TITLE Multiplex amplification of short tandem repeat loci
 JOURNAL Patent: US 6479235-A 21 12-NOV-2002;
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 Location/Qualifiers
 /organism="unknown"
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 Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 QY 2107 AGTCTTGCTGCTGTACCCAGG 2127
 DB 21 AGTCTCACTGCTGTGCCAGG 1
 RESULT 1067
 AX117258
 LOCUS AX117258 21 bp DNA linear PAT 11-MAY-2001
 DEFINITION Sequence 2381 from Patent WO0129262.
 ACCESSION AX117258
 VERSION AX117258.1 GI:14034209
 KEYWORDS
 SOURCE synthetic construct
 ORGANISM synthetic construct
 REFERENCE
 1
 AUTHORS Picoult-Newburg,L. and Pohl,M.
 TITLE Genotyping reagents, kits and methods of use thereof
 JOURNAL Patent: WO 0129262-A 2381 26-APR-2001;
 Orchard BioSciences, Inc. (US)
 FEATURES
 source
 1..21
 Location/Qualifiers
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"

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RESULT 1070
AX557297
LOCUS AX557297 21 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 25 from Patent WO02073197.
ACCESSION AX557297
VERSION AX557297.1 GI:25900251
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Leyland-Jones,B.
TITLE Individualization of therapy with antidepressants
JOURNAL Patent: WO 02073197-A 25 19-SEP-2002;
MCGILL UNIVERSITY (CA)
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source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1071
AX557381
LOCUS AX557381 21 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 25 from Patent WO02073206.
ACCESSION AX557381
VERSION AX557381.1 GI:25900290
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Leyland-Jones,B.
TITLE Metabolic phenotyping in therapy with anxiolytics
JOURNAL Patent: WO 02073206-A 25 19-SEP-2002;
MCGILL UNIVERSITY (CA)
FEATURES
source Location/Qualifiers
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/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1072
AX557406
LOCUS AX557406 21 bp DNA linear PAT 27-NOV-2002
DEFINITION Sequence 25 from Patent WO02073205.
ACCESSION AX557406
VERSION AX557406.1 GI:25900315
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Leyland-Jones,B.
TITLE Multiple determinants for metabolic phenotypes
JOURNAL Patent: WO 02064816-A 23 22-AUG-2002;
MCGILL UNIVERSITY (CA)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1073
AX591117
LOCUS AX591117 21 bp DNA linear PAT 27-JAN-2003
DEFINITION Sequence 25 from Patent WO02086504.
ACCESSION AX591117
VERSION AX591117.1 GI:27949632
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Leyland-Jones,B.
TITLE Individualization of therapy with gastroesophageal reflux disease
JOURNAL Patent: WO 02086504-A 25 31-OCT-2002;
MCGILL UNIVERSITY (CA)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1074
AX592507
LOCUS AX592507 21 bp DNA linear PAT 27-JAN-2003
DEFINITION Sequence 23 from Patent WO02064816.
ACCESSION AX592507
VERSION AX592507.1 GI:27950585
KEYWORDS
SOURCE synthetic construct
ORGANISM synthetic construct
REFERENCE 1
AUTHORS Leyland-Jones,B.
TITLE Multiple determinants for metabolic phenotypes
JOURNAL Patent: WO 02064816-A 23 22-AUG-2002;
MCGILL UNIVERSITY (CA)
FEATURES
source Location/Qualifiers
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/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a primer"
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Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
 Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1075

AX593010
 LOCUS AX593010 21 bp DNA linear PAT 27-JAN-2003
 DEFINITION Sequence 23 from Patent WO02084288.
 ACCESSION AX593010
 VERSION AX593010.1 GI:27950854
 KEYWORDS synthetic construct
 ORGANISM synthetic construct
 SOURCE artificial sequences.

REFERENCE 1
 AUTHORS Leyland-Jones, B.
 TITLE Individualization of therapy with antiarrhythmics
 JOURNAL Patent: WO 02084288-A 23 24-OCT-2002;
 MCGILL UNIVERSITY (CA)

FEATURES
 source Location/Qualifiers
 1..21
 /organism="synthetic construct"
 /mol_type="unassigned DNA"
 /db_xref="taxon:32630"
 /note="Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
 Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1076

AX593150
 LOCUS AX593150 21 bp DNA linear PAT 13-FEB-2003
 DEFINITION Sequence 25 from Patent WO02088753.
 ACCESSION AX593150
 VERSION AX593150.1 GI:28374611
 KEYWORDS synthetic construct
 ORGANISM synthetic construct
 SOURCE artificial sequences.

REFERENCE 1
 AUTHORS Leyland-Jones, B.
 TITLE Individualization of therapy with erectile dysfunction agents
 JOURNAL Patent: WO 02088753-A 25 07-NOV-2002;
 MCGILL UNIVERSITY (CA)

FEATURES
 source Location/Qualifiers
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 /db_xref="taxon:32630"
 /note="Sequence to be used as a Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
 Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1077

AX593485
 LOCUS AX593485 21 bp DNA linear PAT 13-FEB-2003
 DEFINITION Sequence 25 from Patent WO02088714.
 ACCESSION AX593485
 VERSION AX593485.1 GI:28374848
 KEYWORDS synthetic construct
 ORGANISM synthetic construct
 SOURCE artificial sequences.

REFERENCE 1
 AUTHORS Leyland-Jones, B.
 TITLE Individualization of therapy with antineoplastic agents
 JOURNAL Patent: WO 02088714-A 25 07-NOV-2002;
 MCGILL UNIVERSITY (CA)

FEATURES
 source Location/Qualifiers
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 /db_xref="taxon:32630"
 /note="Sequence to be used as a Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
 Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1078

AX597480
 LOCUS AX597480 21 bp DNA linear PAT 14-FEB-2003
 DEFINITION Sequence 25 from Patent WO02090994.
 ACCESSION AX597480
 VERSION AX597480.1 GI:28397750
 KEYWORDS synthetic construct
 ORGANISM synthetic construct
 SOURCE artificial sequences.

REFERENCE 1
 AUTHORS Leyland-Jones, B.
 TITLE Individualization of therapy with analgesics
 JOURNAL Patent: WO 02090994-A 25 14-NOV-2002;
 MCGILL UNIVERSITY (CA)

FEATURES
 source Location/Qualifiers
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 /note="Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
 Best Local Similarity 85.7%; Pred. No. 1.2e+03;
 Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
 Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1079

AX601690
 LOCUS AX601690 21 bp DNA linear PAT 17-FEB-2003
 DEFINITION Sequence 25 from Patent WO02093162.
 ACCESSION AX601690
 VERSION AX601690.1 GI:28401735
 KEYWORDS synthetic construct
 ORGANISM synthetic construct
 SOURCE artificial sequences.

REFERENCE 1
 AUTHORS Leyland-Jones, B.

TITLE Individualization of therapy with antibiotic agents
JOURNAL Patent: WO 02093162-A 25 21-NOV-2002;
MCGILL UNIVERSITY (CA)

FEATURES
source
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Location/Qualifiers

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1080

AX616991
LOCUS AX616991 21 bp DNA linear PAT 20-FEB-2003
DEFINITION Sequence 23 from Patent WO02095402.
ACCESSION AX616991

VERSION AX616991.1 GI:28447796
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1

AUTHORS Leyland-Jones, B.
TITLE Individualization of therapy with hyperlipidemia agents
JOURNAL Patent: WO 02095402-A 23 28-NOV-2002;
MCGILL UNIVERSITY (CA)

FEATURES
source
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Location/Qualifiers

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1081

AX642809/c
LOCUS AX642809 21 bp DNA linear PAT 21-FEB-2003
DEFINITION Sequence 137 from Patent WO0240539.
ACCESSION AX642809

VERSION AX642809.1 GI:28475029
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1

AUTHORS Kekuda, R.; Spytek, K.A.; Casman, S.J.; Zerhusen, B.D.; Li, L.;
Tchernev, V.T.; Colman, S.D.; Ballinger, R.A.; Padigaru, M.;
Wolenc, A.R.; Shenoy, S.G.; Edinger, S.R.; Gerlach, V.; Gangolli, E.A.;
Maddougall, J.R.; Smithson, G.; Peyman, J.A.; Stone, D.J.; Gunther, E.;
Ellerman, K.; Grosse, W.M.; Alsbrook, J.P.; Lepley, D.M. and
Burgess, C.E.

TITLE Gpcr-like protein and nucleic acids encoding same
JOURNAL Patent: WO 0240539-A 137 23-MAY-2002;
Curagen Corporation (US)

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source
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Location/Qualifiers

/organism="synthetic construct"

/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="oligonucleotide primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1309 ATAAAGGGAAGATAAAGGG 1329
|||||
Db 21 ATAAAGGATTGAGAAGGG 1

RESULT 1082

AX643865
LOCUS AX643865 21 bp DNA linear PAT 24-FEB-2003
DEFINITION Sequence 25 from Patent WO02099422.
ACCESSION AX643865

VERSION AX643865.1 GI:28551659
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1

AUTHORS Leyland-Jones, B.
TITLE Individualization of therapy with alzheimer's disease agents
JOURNAL Patent: WO 02099422-A 25 12-DEC-2002;
MCGILL UNIVERSITY (CA)

FEATURES
source
1..21
Location/Qualifiers

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="Sequence to be used as a Primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21

RESULT 1083

AX696046
LOCUS AX696046 21 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 23 from Patent WO03008637.
ACCESSION AX696046

VERSION AX696046.1 GI:29419208
KEYWORDS

SOURCE synthetic construct
ORGANISM synthetic construct
artificial sequences.

REFERENCE 1

AUTHORS Leyland-Jones, B.
TITLE Use of genotyping in the individualization of therapy
JOURNAL Patent: WO 03008637-A 23 30-JAN-2003;
McGill University (CA)

FEATURES
source
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Location/Qualifiers

/organism="synthetic construct"
/mol_type="unassigned DNA"
/db_xref="taxon:32630"
/note="sequence to be used as a primer"

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAG 2290
|||||
Db 1 GACAGGGTTTCATCATGTTGG 21


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Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1089
BD203034
LOCUS BD203034 17 bp RNA linear PAT 17-JUL-2003
DEFINITION Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response.
ACCESSION BD203034.1 GI:33012804
VERSION BD203034.1
KEYWORDS JP 2002509721-A/6060
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Pavco,P.A., Roberts,E., Jarvis,T., Coeshott,C. and Mcswiggen,J.A.
TITLE Method and reagent for treating diseases or conditions concerning
molecule participating in vasculogenic response
JOURNAL Patent: JP 2002509721-A 6060 02-APR-2002;
COMMENT RIBOZYME PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002509721-A/6060
PD 02-APR-2002
PF 24-MAR-1999 JP 2000541291
PR 27-MAR-1998 US 60/079678
PI PAMELA A PAVCO, ELISABETH ROBERTS, THALE JARVIS, CLAIRE COESHOTT,
PI JAMES A MCSWIGGEN
PC
C12N15/09,A61K31/7088,A61K31/7125,A61K48/00,A61P3/10,A61P17/06, PC
A61P29/00,
PC A61P35/00,A61P43/00,C12N5/10,C12N9/00//A61K35/76,C12N15/00, PC
C12N5/00
CC Method and reagent for treating diseases or conditions CC
concerning molecule
CC participating in vasculogenic response
FH Key Location/Qualifiers
FT source 1..17
/organism="Homo sapiens (human)".
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source
1..17
/organism="Homo sapiens"
/mol_type="genomic RNA"
/db_xref="taxon:9606"

Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCA 2362
Db 1 GCTGGGATTACAGCA 16

RESULT 1090
BD229140
LOCUS BD229140 17 bp DNA linear PAT 17-JUL-2003
DEFINITION Genotype determination of human UDP-glucuronosyl transferase 2B4
(UGT2B4), 2B7 (UGT2B7) and 2B15 (UGT2B15) genes.
ACCESSION BD229140
VERSION BD229140.1 GI:33038910
KEYWORDS JP 2002521067-A/12.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
REFERENCE 1 (bases 1 to 17)
AUTHORS Galvin,M., Miller,A., Penny,L. and Riedy,M.
TITLE Genotype determination of human UDP-glucuronosyl transferase 2B4
(UGT2B4), 2B7 (UGT2B7) and 2B15 (UGT2B15) genes
JOURNAL Patent: JP 2002521067-A 12 16-JUL-2002;
COMMENT AXIS PHARMACEUTICALS INC
OS Homo sapiens (human)
PN JP 2002521067-A/12
PD 16-JUL-2002
PF 22-JUL-1999 JP 2000562558
PR 28-JUL-1998 US 60/094391
PI MARGARET GALVIN, ANDREW MILLER, LAURA PENNY, MICHAEL RIEDY
C12N15/09,C12N15/09,C12M1/00,C12Q1/68,C12N15/00,C12N15/00 CC
Genotype determination of human UDP-glucuronosyl transferase
2B4 (UGT2B4),
CC 2B7 (UGT2B7) and 2B15 (UGT2B15) genes
FH Key Location/Qualifiers
FT source 1..17
/organism="Homo sapiens (human)".
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/mol_type="genomic DNA"
/db_xref="taxon:9606"

Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTTA 2289
Db 2 GGGTTTCACCGTGTTA 17

RESULT 1091
CQ798656/c
LOCUS CQ798656 17 bp DNA linear PAT 20-APR-2004
DEFINITION Sequence 91 from Patent EP1408121.
ACCESSION CQ798656
VERSION CQ798656.1 GI:46427018
KEYWORDS Homo sapiens (human)
SOURCE Homo sapiens
ORGANISM Homo sapiens
REFERENCE 1
AUTHORS Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
TITLE Genetic test to determine non-responsiveness to statin drug
treatment
JOURNAL Patent: EP 1408121-A 91 14-APR-2004;
COMMENT Cedars-Sinai Medical Center (US)
FEATURES
source
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/organism="Homo sapiens"
/mol_type="unassigned DNA"
/db_xref="taxon:9606"

Query Match      0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1092
AR349392
LOCUS AR349392 17 bp DNA linear PAT 17-AUG-2003
DEFINITION Sequence 13 from patent US 6586175.
ACCESSION AR349392
VERSION AR349392.1 GI:33750185
KEYWORDS Unknown.
SOURCE

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ORGANISM Unknown.
REFERENCE Unclassified.
AUTHORS 1 (bases 1 to 17)
TITLES Galvin,M., Miller,A., Penny,L. and Riedy,M.
JOURNAL Genotyping the human UDP-glucuronosyltransferase 2B7 (UGT2B7) gene
FEATURES Patent: US 6586175-A 13 01-JUL-2003;
          Location/Qualifiers
          1..17
          /organism="unknown"
          /mol_type="genomic DNA"

Query Match
Best Local Similarity 0.7%; Score 16; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTTA 2289
Db 2 GGGTTTCACCGTGTTA 17

RESULT 1093
AX068540/c
LOCUS AX068540 17 bp DNA linear PAT 25-JAN-2001
DEFINITION Sequence 91 from Patent WO0102606.
ACCESSION AX068540
VERSION AX068540.1 GI:12578665
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Taylor,K.D., Scheuner,M., Rotter,J. and Yang,H.
TITLES Genetic test to determine non-responsiveness to statin drug
JOURNAL Patent: WO 0102606-A 91 11-JAN-2001;
          Cedars-Sinai Medical Center (US)
FEATURES Location/Qualifiers
          1..17
          /organism="Homo sapiens"
          /mol_type="unassigned DNA"
          /db_xref="taxon:9606"

Query Match
Best Local Similarity 0.7%; Score 16; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
Db 16 GTTACCCAGGCTGGAG 1

RESULT 1094
AX692567
LOCUS AX692567 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5299 from Patent EPI281758.
ACCESSION AX692567
VERSION AX692567.1 GI:29415525
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
          mdz12
JOURNAL Patent: EP 1281758-A 5299 05-FEB-2003;
          Aeomica, Inc. (US)
FEATURES Location/Qualifiers
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          /mol_type="unassigned DNA"

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          /db_xref="taxon:9606"

Query Match
Best Local Similarity 0.7%; Score 16; DB 1; Length 17;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2126 GGCTGGAGTGCAGTGG 2141
Db 2 GGCTGGAGTGCAGTGG 17

RESULT 1095
AX692568
LOCUS AX692568 17 bp DNA linear PAT 31-MAR-2003
DEFINITION Sequence 5300 from Patent EPI281758.
ACCESSION AX692568
VERSION AX692568.1 GI:29415526
KEYWORDS
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
          mdz12
JOURNAL Patent: EP 1281758-A 5300 05-FEB-2003;
          Aeomica, Inc. (US)
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VERSION AX692715.1 GI:29415673
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ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1
AUTHORS Shannon,M., Gu,Y. and Nguyen,C.T.
TITLES Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
          mdz12
JOURNAL Patent: EP 1281758-A 5447 05-FEB-2003;
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ORGANISM Homo sapiens
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Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
REFERENCE
1 Shannon,M., Gu,Y. and Nguyen,C.T.
AUTHORS Four human zinc-finger-containing proteins : mdz3, mdz4, mdz7 and
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JOURNAL Patent: EP 1281758-A 5473 05-FEB-2003;
Aeomica, Inc. (US)
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REFERENCE
1 Telerman,A., Anson,R. and Tuijnder,M.
AUTHORS Sequences involved in phenomena of tumour suppression, tumour
TITLE reversion, apoptosis and/or virus resistance and their use as
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JOURNAL Patent: WO 03025175-A 986 27-MAR-2003;
Molecular Engines Laboratories (FR)
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ORGANISM Unknown.
REFERENCE Unclassified.
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AUTHORS Sinskey,A.J., Lessard,P.A. and Willis,L.B.
TITLE Pyruvate carboxylase from corynebacterium glutamicum
JOURNAL Patent: US 6171833-A 34 09-JAN-2001;
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VERSION AR148945.1 GI:15113536
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ORGANISM Unknown.
REFERENCE Unclassified.
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AUTHORS Ossowski,L.
TITLE In vivo assay for intravasion
JOURNAL Patent: US 6228345-A 2 08-MAY-2001;
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VERSION AR213180.1 GI:23310247
KEYWORDS
SOURCE Unknown.
ORGANISM Unknown.
REFERENCE Unclassified.
1 (bases 1 to 19)
AUTHORS Sinskey,A.J., Lessard,P.A. and Willis,L.B.
TITLE Pyruvate carboxylase polypeptide from Corynebacterium glutamicum
JOURNAL Patent: US 6403351-A 34 11-JUN-2002;
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REFERENCE 1
AUTHORS Cancilla,M.R., Choo,K.H. and Du,S.D.
TITLE A novel nucleic acid molecule
JOURNAL Patent: WO 9851790-A 2 19-NOV-1998;
CANCILLA MICHAEL ROBERT (AU) ; CHOO KONG HONG ANDY (AU) ; SART
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KEYWORDS
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REFERENCE 1
AUTHORS Monia,B.P. and Cowsett,L.M.
TITLE Antisense inhibition of telomeric repeat binding factor 2
expression
JOURNAL Patent: US 6300132-A 64 09-OCT-2001;
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ACCESSION AX162688
VERSION AX162688.1 GI:14544019
KEYWORDS
SOURCE Homo sapiens (human)

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ORGANISM Homo sapiens
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REFERENCE 1
AUTHORS Shimkets,R.A. and Leach,M.
TITLE Nucleic acids containing single nucleotide polymorphisms and
methods of use thereof
JOURNAL Patent: WO 0140521-A 6016 07-JUN-2001;
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c 153	20	0.8	20	1	US-09-073-567-35	Sequence 35, Appl	Sequence 73, Appl
c 154	20	0.8	20	1	US-09-073-567-36	Sequence 36, Appl	Sequence 74, Appl
c 155	20	0.8	20	1	US-09-073-567-37	Sequence 37, Appl	Sequence 75, Appl
c 156	20	0.8	20	1	US-09-073-567-38	Sequence 38, Appl	Sequence 76, Appl
c 157	20	0.8	20	1	US-09-073-567-39	Sequence 39, Appl	Sequence 77, Appl
c 158	20	0.8	20	1	US-09-073-567-40	Sequence 40, Appl	Sequence 78, Appl
c 159	20	0.8	20	1	US-09-073-567-41	Sequence 41, Appl	Sequence 79, Appl
c 160	20	0.8	20	1	US-09-073-567-42	Sequence 42, Appl	Sequence 80, Appl
c 161	20	0.8	20	1	US-09-073-567-43	Sequence 43, Appl	Sequence 81, Appl
c 162	20	0.8	20	1	US-09-073-567-45	Sequence 45, Appl	Sequence 82, Appl
c 163	20	0.8	20	1	US-09-073-567-46	Sequence 46, Appl	Sequence 83, Appl
c 164	20	0.8	20	1	US-09-073-567-47	Sequence 47, Appl	Sequence 84, Appl
c 165	20	0.8	20	1	US-09-280-805-3	Sequence 3, Appl	Sequence 85, Appl
c 166	20	0.8	20	1	US-09-280-805-4	Sequence 4, Appl	Sequence 86, Appl
c 167	20	0.8	20	1	US-09-280-805-5	Sequence 5, Appl	Sequence 87, Appl
c 168	20	0.8	20	1	US-09-280-805-6	Sequence 6, Appl	Sequence 88, Appl
c 169	20	0.8	20	1	US-09-280-805-7	Sequence 7, Appl	Sequence 89, Appl
c 170	20	0.8	20	1	US-09-280-805-8	Sequence 8, Appl	Sequence 90, Appl
c 171	20	0.8	20	1	US-09-280-805-9	Sequence 9, Appl	Sequence 91, Appl
c 172	20	0.8	20	1	US-09-280-805-10	Sequence 10, Appl	Sequence 92, Appl
c 173	20	0.8	20	1	US-09-280-805-11	Sequence 11, Appl	Sequence 93, Appl
c 174	20	0.8	20	1	US-09-280-805-12	Sequence 12, Appl	Sequence 94, Appl
c 175	20	0.8	20	1	US-09-280-805-13	Sequence 13, Appl	Sequence 95, Appl
c 176	20	0.8	20	1	US-09-280-805-14	Sequence 14, Appl	Sequence 96, Appl
c 177	20	0.8	20	1	US-09-280-805-15	Sequence 15, Appl	Sequence 97, Appl
c 178	20	0.8	20	1	US-09-280-805-16	Sequence 16, Appl	Sequence 98, Appl
c 179	20	0.8	20	1	US-09-280-805-17	Sequence 17, Appl	Sequence 99, Appl

C 399	20	0.8	20	0.8	19	0.8	20	1	US-09-280-805-246	Sequence 246, App	C 472	19	0.8	20	1	US-09-540-699-25	Sequence 25, Appl
C 400	20	0.8	20	0.8	19	0.8	20	1	US-09-280-805-247	Sequence 247, App	C 473	19	0.8	20	1	US-09-540-699-26	Sequence 26, Appl
C 401	20	0.8	20	0.8	19	0.8	20	1	US-09-280-805-248	Sequence 248, App	C 474	19	0.8	20	1	US-09-705-299-17	Sequence 17, Appl
C 402	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-249	Sequence 249, App	C 475	18.8	0.8	22	1	US-08-599-252-35	Sequence 35, Appl
C 403	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-250	Sequence 250, App	C 476	18.8	0.8	22	1	US-08-599-252-38	Sequence 38, Appl
C 404	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-251	Sequence 251, App	C 477	18.8	0.8	22	1	US-08-117-952-257	Sequence 257, App
C 405	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-252	Sequence 252, App	C 478	18.8	0.8	22	1	US-08-874-186-11	Sequence 11, Appl
C 406	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-253	Sequence 253, App	C 479	18.8	0.8	22	1	PCT-US96-06352-35	Sequence 35, Appl
C 407	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-254	Sequence 254, App	C 480	18.8	0.8	22	1	PCT-US96-06352-38	Sequence 38, Appl
C 408	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-255	Sequence 255, App	C 481	18.8	0.8	22	1	PCT-US96-06583-35	Sequence 35, Appl
C 409	20	0.8	20	0.8	18.8	0.8	22	1	US-09-280-805-256	Sequence 256, App	C 482	18.8	0.8	22	1	PCT-US96-06583-38	Sequence 38, Appl
C 410	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-257	Sequence 257, App	C 483	18.4	0.8	20	1	US-08-031-143B-25	Sequence 25, Appl
C 411	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-258	Sequence 258, App	C 484	18.4	0.8	20	1	US-08-222-177A-341	Sequence 341, App
C 412	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-259	Sequence 259, App	C 485	18.4	0.8	20	1	US-08-568-821-70	Sequence 70, Appl
C 413	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-260	Sequence 260, App	C 486	18.4	0.8	20	1	US-08-915-214-70	Sequence 70, Appl
C 414	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-261	Sequence 261, App	C 487	18.4	0.8	20	1	US-09-005-532-70	Sequence 70, Appl
C 415	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-262	Sequence 262, App	C 488	18.4	0.8	20	1	US-09-280-805-27	Sequence 27, Appl
C 416	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-263	Sequence 263, App	C 489	18.4	0.8	20	1	US-08-430-225A-12	Sequence 12, Appl
C 417	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-264	Sequence 264, App	C 490	18.4	0.8	20	1	US-09-048-810-27	Sequence 27, Appl
C 418	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-265	Sequence 265, App	C 491	18.4	0.8	20	1	US-09-556-031-18	Sequence 18, Appl
C 419	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-266	Sequence 266, App	C 492	18.4	0.8	20	1	US-09-733-294A-82	Sequence 82, Appl
C 420	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-267	Sequence 267, App	C 493	18.4	0.8	20	1	US-10-172-911-80	Sequence 80, Appl
C 421	20	0.8	20	0.8	18.4	0.8	20	1	US-09-280-805-268	Sequence 268, App	C 494	18.4	0.8	20	1	US-09-795-380-12	Sequence 12, Appl
C 422	20	0.8	20	0.8	18.4	0.8	20	1	US-09-048-810-3	Sequence 3, Appl	C 495	18.4	0.8	20	1	PCT-US94-02891-25	Sequence 25, Appl
C 423	20	0.8	20	0.8	18.4	0.8	20	1	US-09-048-810-4	Sequence 4, Appl	C 496	18.4	0.8	20	1	PCT-US94-02891-25	Sequence 25, Appl
C 424	20	0.8	20	0.8	18.4	0.8	20	1	US-09-048-810-5	Sequence 5, Appl	C 497	18.4	0.8	20	1	US-09-104-497-1	Sequence 1, Appl
C 425	20	0.8	20	0.8	18.4	0.8	20	1	US-09-048-810-6	Sequence 6, Appl	C 498	18.4	0.8	20	1	US-09-018-584A-80	Sequence 80, Appl
C 426	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-7	Sequence 7, Appl	C 499	18.2	0.8	19	1	US-09-784-423-80	Sequence 80, Appl
C 427	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-8	Sequence 8, Appl	C 500	18.2	0.8	19	1	US-08-070-517-1	Sequence 1, Appl
C 428	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-9	Sequence 9, Appl	C 501	18.2	0.8	19	1	US-08-118-441-1	Sequence 1, Appl
C 429	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-10	Sequence 10, Appl	C 502	18.2	0.8	19	1	US-08-422-706B-13	Sequence 13, Appl
C 430	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-11	Sequence 11, Appl	C 503	18.2	0.8	19	1	US-08-422-706B-13	Sequence 13, Appl
C 431	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-12	Sequence 12, Appl	C 504	18.2	0.8	19	1	US-08-338-579A-1	Sequence 1, Appl
C 432	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-13	Sequence 13, Appl	C 505	18.2	0.8	19	1	US-09-078-294-1	Sequence 1, Appl
C 433	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-14	Sequence 14, Appl	C 506	18.2	0.8	19	1	PCT-US94-09851-1	Sequence 1, Appl
C 434	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-15	Sequence 15, Appl	C 507	18.2	0.8	19	1	US-08-836-134-16	Sequence 16, Appl
C 435	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-16	Sequence 16, Appl	C 508	18.2	0.8	19	1	US-09-493-784-16	Sequence 16, Appl
C 436	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-17	Sequence 17, Appl	C 509	18.2	0.8	19	1	US-09-544-398B-167	Sequence 167, App
C 437	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-18	Sequence 18, Appl	C 510	18.2	0.8	19	1	US-09-018-584A-96	Sequence 96, Appl
C 438	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-19	Sequence 19, Appl	C 511	18.2	0.8	19	1	US-09-784-423-96	Sequence 96, Appl
C 439	20	0.8	20	0.8	18.2	0.8	19	1	US-09-048-810-20	Sequence 20, Appl	C 512	18.2	0.8	18	1	US-09-156-253-30	Sequence 30, Appl
C 440	20	0.8	20	0.8	18.2	0.8	18	1	US-09-048-810-21	Sequence 21, Appl	C 513	18.2	0.8	18	1	US-08-859-167-9	Sequence 9, Appl
C 441	20	0.8	20	0.8	18.2	0.8	18	1	US-09-048-810-22	Sequence 22, Appl	C 514	18.2	0.8	18	1	US-09-109-273-9	Sequence 9, Appl
C 442	20	0.8	20	0.8	18.2	0.8	18	1	US-09-048-810-23	Sequence 23, Appl	C 515	18.2	0.8	18	1	US-09-276-993-9	Sequence 9, Appl
C 443	20	0.8	20	0.8	18.2	0.8	18	1	US-09-048-810-25	Sequence 25, Appl	C 516	18.2	0.8	18	1	US-09-723-450-9	Sequence 9, Appl
C 444	20	0.8	20	0.8	18.2	0.8	18	1	US-09-467-642-71	Sequence 71, Appl	C 517	18.2	0.8	18	1	US-09-044-602-2	Sequence 2, Appl
C 445	20	0.8	20	0.8	18.2	0.8	18	1	US-09-467-642-73	Sequence 73, Appl	C 518	18.2	0.8	18	1	US-09-672-717-98	Sequence 98, Appl
C 446	20	0.8	20	0.8	18.2	0.8	18	1	US-09-468-856A-62	Sequence 62, Appl	C 519	18.2	0.8	18	1	US-09-780-173A-18	Sequence 18, Appl
C 447	20	0.8	20	0.8	18.2	0.8	18	1	US-09-540-699-22	Sequence 22, Appl	C 520	18.2	0.8	18	1	US-09-679-299A-4	Sequence 4, Appl
C 448	20	0.8	20	0.8	18.2	0.8	18	1	US-09-607-529-3	Sequence 3, Appl	C 521	17.8	0.8	21	1	US-09-097-199-87	Sequence 87, Appl
C 449	20	0.8	20	0.8	18.2	0.8	18	1	US-09-060-399-257	Sequence 257, App	C 522	17.8	0.8	21	1	US-08-133-629-2	Sequence 2, Appl
C 450	20	0.8	20	0.8	18.2	0.8	18	1	US-09-402-523A-257	Sequence 257, App	C 523	17.8	0.8	21	1	US-08-933-358-15	Sequence 15, Appl
C 451	20	0.8	20	0.8	18.2	0.8	18	1	US-09-658-517C-2	Sequence 2, Appl	C 524	17.8	0.8	21	1	US-08-445-515-23	Sequence 23, Appl
C 452	20	0.8	20	0.8	18.2	0.8	18	1	US-09-418-804-1	Sequence 1, Appl	C 525	17.6	0.7	19	1	US-09-918-686-87	Sequence 87, Appl
C 453	20	0.8	20	0.8	17.6	0.7	19	1	US-09-679-299A-70	Sequence 70, Appl	C 526	17.6	0.7	19	1	US-08-070-517-2	Sequence 2, Appl
C 454	20	0.8	20	0.8	17.6	0.7	19	1	US-09-334-130-7	Sequence 7, Appl	C 527	17.6	0.7	19	1	US-08-118-441-2	Sequence 2, Appl
C 455	20	0.8	20	0.8	17.6	0.7	19	1	US-09-956-379-3	Sequence 3, Appl	C 528	17.6	0.7	19	1	US-08-422-699A-14	Sequence 14, Appl
C 456	20	0.8	20	0.8	17.6	0.7	19	1	US-09-534-587-7	Sequence 7, Appl	C 529	17.6	0.7	19	1	US-08-422-706B-14	Sequence 14, Appl
C 457	20	0.8	20	0.8	17.6	0.7	19	1	US-09-949-474A-2	Sequence 2, Appl	C 530	17.6	0.7	19	1	US-08-338-579A-2	Sequence 2, Appl
C 458	20	0.8	20	0.8	17.6	0.7	19	1	US-09-949-474A-21	Sequence 21, Appl	C 531	17.6	0.7	19	1	PCT-US94-09851-2	Sequence 2, Appl
C 459	19.8	0.8	24	0.8	17.4	0.7	19	1	US-09-540-699-12	Sequence 12, Appl	C 532	17.4	0.7	19	1	US-08-222-177A-330	Sequence 330, App
C 460	19.6	0.8	26	0.8	17.4	0.7	19	1	US-09-480-718-26	Sequence 26, Appl	C 533	17.4	0.7	19	1	US-09-564-805-100	Sequence 100, App
C 461	19.6	0.8	26	0.8	17.4	0.7	19	1	US-09-347-114A-33	Sequence 33, Appl	C 534	17.4	0.7	19	1	US-09-091-952A-86	Sequence 86, Appl
C 462	19.6	0.8	26	0.8	17.4	0.7	19	1	US-09-427-104-7	Sequence 7, Appl	C 535	17.4	0.7	19	1	US-09-404-912-3	Sequence 3, Appl
C 463	19.4	0.8	21	0.8	17.4	0.7	20	1	US-09-366-840-1	Sequence 1, Appl	C 536	17.4	0.7	20	1	US-08-222-177A-351	Sequence 351, App
C 464	19.2	0.8	21	0.8	17.4	0.7	20	1	US-09-233-086-61	Sequence 61, Appl	C 537	17.4	0.7	20	1	US-09-851-896-18	Sequence 18, Appl
C 465	19.2	0.8	24	0.8	17.4	0.7	20	1	US-08-670-479-11	Sequence 11, Appl	C 538	17.4	0.7	20	1	US-09-898-361-95	Sequence 95, Appl
C 466	19.2	0.8	24	0.8	17.4	0.7	20	1	US-08-937-319-122	Sequence 122, App	C 539	17.4	0.7	20	1	US-09-060-299-286	Sequence 286, App
C 467	19	0.8	19	0.8	17.4	0.7	20	1	US-08-629-939-10	Sequence 10, Appl	C 540	17.4	0.7	20	1	US-09-402-923A-286	Sequence 286, App
C 468	19	0.8	19	0.8	17.4	0.7	20	1	US-08-759-873-10	Sequence 10, Appl	C 541	17.4	0.7	20	1	US-09-574-779B-30	Sequence 30, Appl
C 469	19	0.8	20	0.8	17.4	0											

C 545	17.2	0.7	22	1	US-08-837-302-1	Sequence 1, Appli	Sequence 1, Appli
C 546	17.2	0.7	22	1	US-08-798-668-1	Sequence 1, Appli	Sequence 1, Appli
C 547	17.2	0.7	22	1	US-08-855-825-1	Sequence 1, Appli	Sequence 1, Appli
C 548	17.2	0.7	22	1	US-09-395-345-28	Sequence 28, Appl	Sequence 28, Appl
C 549	17.2	0.7	22	1	US-09-419-406-1	Sequence 1, Appli	Sequence 1, Appli
C 550	17	0.7	17	1	US-08-635-820A-2	Sequence 2, Appli	Sequence 2, Appli
C 551	17	0.7	17	1	US-09-100-104-2	Sequence 2, Appli	Sequence 2, Appli
C 552	17	0.7	20	1	US-09-038-637-155	Sequence 155, App	Sequence 155, App
C 553	17	0.7	20	1	US-09-487-445-94	Sequence 94, Appl	Sequence 94, Appl
C 554	16.8	0.7	20	1	US-08-849-701-12	Sequence 12, Appl	Sequence 12, Appl
C 555	16.8	0.7	20	1	US-08-837-201C-25	Sequence 25, Appl	Sequence 25, Appl
C 556	16.8	0.7	20	1	US-09-073-567-25	Sequence 25, Appl	Sequence 25, Appl
C 557	16.8	0.7	20	1	US-09-357-073-12	Sequence 12, Appl	Sequence 12, Appl
C 558	16.8	0.7	20	1	US-09-358-384-38	Sequence 38, Appl	Sequence 38, Appl
C 559	16.8	0.7	20	1	US-09-435-296-80	Sequence 80, Appl	Sequence 80, Appl
C 560	16.8	0.7	20	1	US-09-435-296-81	Sequence 81, Appl	Sequence 81, Appl
C 561	16.8	0.7	20	1	US-09-280-805-26	Sequence 26, Appl	Sequence 26, Appl
C 562	16.8	0.7	20	1	US-09-038-637-135	Sequence 135, App	Sequence 135, App
C 563	16.8	0.7	20	1	US-09-048-810-26	Sequence 26, Appl	Sequence 26, Appl
C 564	16.8	0.7	20	1	US-09-487-445-95	Sequence 95, Appl	Sequence 95, Appl
C 565	16.8	0.7	20	1	US-09-467-642-70	Sequence 70, Appl	Sequence 70, Appl
C 566	16.8	0.7	20	1	US-09-467-642-72	Sequence 72, Appl	Sequence 72, Appl
C 567	16.8	0.7	20	1	US-09-364-416-25	Sequence 25, Appl	Sequence 25, Appl
C 568	16.8	0.7	20	1	US-09-488-856A-73	Sequence 73, Appl	Sequence 73, Appl
C 569	16.8	0.7	20	1	US-09-662-250A-76	Sequence 76, Appl	Sequence 76, Appl
C 570	16.8	0.7	20	1	US-09-851-896-17	Sequence 17, Appl	Sequence 17, Appl
C 571	16.8	0.7	20	1	US-09-657-346A-24	Sequence 24, Appl	Sequence 24, Appl
C 572	16.8	0.7	20	1	US-09-679-299A-71	Sequence 71, Appl	Sequence 71, Appl
C 573	16.8	0.7	20	1	US-09-627-465B-27	Sequence 27, Appl	Sequence 27, Appl
C 574	16.8	0.7	21	1	US-09-018-584A-67	Sequence 67, Appl	Sequence 67, Appl
C 575	16.8	0.7	21	1	US-09-018-584A-112	Sequence 112, App	Sequence 112, App
C 576	16.8	0.7	21	1	US-09-784-423-67	Sequence 67, Appl	Sequence 67, Appl
C 577	16.8	0.7	21	1	US-08-117-952-287	Sequence 117, App	Sequence 117, App
C 578	16.8	0.7	21	1	US-08-859-998-25	Sequence 25, Appl	Sequence 25, Appl
C 579	16.8	0.7	22	1	US-09-245-041-92	Sequence 92, Appl	Sequence 92, Appl
C 580	16.8	0.7	22	1	US-09-225-928-25	Sequence 25, Appl	Sequence 25, Appl
C 581	16.8	0.7	22	1	US-09-225-201B-25	Sequence 25, Appl	Sequence 25, Appl
C 582	16.8	0.7	22	1	US-09-358-055B-93	Sequence 93, Appl	Sequence 93, Appl
C 583	16.8	0.7	22	1	US-09-893-238-92	Sequence 92, Appl	Sequence 92, Appl
C 584	16.8	0.7	22	1	US-09-156-253-45	Sequence 45, Appl	Sequence 45, Appl
C 585	16.4	0.7	18	1	US-09-161-443-47	Sequence 47, Appl	Sequence 47, Appl
C 586	16.4	0.7	18	1	US-09-630-706-94	Sequence 94, Appl	Sequence 94, Appl
C 587	16.4	0.7	19	1	US-08-755-587-124	Sequence 124, App	Sequence 124, App
C 588	16.4	0.7	20	1	US-07-952-442-19	Sequence 19, Appl	Sequence 19, Appl
C 589	16.4	0.7	20	1	US-08-269-766-19	Sequence 19, Appl	Sequence 19, Appl
C 590	16.4	0.7	20	1	US-08-416-831B-5	Sequence 5, Appli	Sequence 5, Appli
C 591	16.4	0.7	20	1	US-08-319-545A-19	Sequence 19, Appl	Sequence 19, Appl
C 592	16.4	0.7	20	1	US-09-092-988-19	Sequence 19, Appl	Sequence 19, Appl
C 593	16.4	0.7	20	1	US-09-106-216-19	Sequence 19, Appl	Sequence 19, Appl
C 594	16.4	0.7	20	1	US-09-429-034-19	Sequence 19, Appl	Sequence 19, Appl
C 595	16.4	0.7	20	1	US-10-215-448-77	Sequence 77, Appl	Sequence 77, Appl
C 596	16.4	0.7	21	1	US-08-394-210-6	Sequence 6, Appli	Sequence 6, Appli
C 597	16.2	0.7	21	1	US-08-632-575B-21	Sequence 21, Appl	Sequence 21, Appl
C 598	16.2	0.7	21	1	US-09-157-177-80	Sequence 80, Appl	Sequence 80, Appl
C 599	16.2	0.7	21	1	US-09-159-542B-21	Sequence 21, Appl	Sequence 21, Appl
C 600	16.2	0.7	21	1	US-09-541-210-80	Sequence 80, Appl	Sequence 80, Appl
C 601	16.2	0.7	21	1	US-09-347-114A-91	Sequence 91, Appl	Sequence 91, Appl
C 602	16	0.7	17	1	US-09-356-806-13	Sequence 13, Appl	Sequence 13, Appl
C 603	16	0.7	17	1	US-09-220-081-34	Sequence 34, Appl	Sequence 34, Appl
C 604	16	0.7	19	1	US-09-366-840-2	Sequence 2, Appli	Sequence 2, Appli
C 605	16	0.7	19	1	US-09-078-294-2	Sequence 34, Appl	Sequence 34, Appl
C 606	16	0.7	19	1	US-09-677-575-34	Sequence 222, App	Sequence 222, App
C 607	16	0.7	19	1	US-09-544-398B-222	Sequence 43, Appl	Sequence 43, Appl
C 608	16	0.7	20	1	US-09-467-642-64	Sequence 64, Appl	Sequence 64, Appl
C 609	16	0.7	20	1	US-09-157-177-74	Sequence 74, Appl	Sequence 74, Appl
C 610	16	0.7	20	1	US-08-757-223-11	Sequence 11, Appl	Sequence 11, Appl
C 611	15.8	0.7	19	1	US-09-047-347-44	Sequence 44, Appl	Sequence 44, Appl
C 612	15.8	0.7	19	1	US-09-060-299-242	Sequence 242, App	Sequence 242, App
C 613	15.8	0.7	19	1	US-09-402-923A-242	Sequence 74, Appl	Sequence 74, Appl
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C 620	15.8	0.7	19	1	US-09-696-791-3632	Sequence 3632, Ap	Sequence 3632, Ap
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C 623	15.8	0.7	20	1	US-09-018-584A-120	Sequence 120, App	Sequence 120, App
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C 625	15.8	0.7	20	1	US-09-844-634-96	Sequence 96, Appl	Sequence 96, Appl
C 626	15.8	0.7	20	1	US-09-690-364-48	Sequence 48, Appl	Sequence 48, Appl
C 627	15.8	0.7	20	1	US-09-918-686-83	Sequence 83, Appl	Sequence 83, Appl
C 628	15.8	0.7	20	1	US-09-733-294A-75	Sequence 75, Appl	Sequence 75, Appl
C 629	15.8	0.7	20	1	US-09-657-346A-52	Sequence 52, Appl	Sequence 52, Appl
C 630	15.8	0.7	20	1	US-09-060-299-296	Sequence 296, App	Sequence 296, App
C 631	15.8	0.7	20	1	US-09-402-923A-236	Sequence 236, App	Sequence 236, App
C 632	15.8	0.7	20	1	US-09-679-299A-69	Sequence 69, Appl	Sequence 69, Appl
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C 634	15.8	0.7	20	1	US-08-468-719A-40	Sequence 40, Appl	Sequence 40, Appl
C 635	15.8	0.7	20	1	US-09-784-423-120	Sequence 120, App	Sequence 120, App
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C 637	15.8	0.7	21	1	US-09-357-740-7	Sequence 7, Appli	Sequence 7, Appli
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C 639	15.8	0.7	21	1	US-09-422-978-10751	Sequence 10751, A	Sequence 10751, A
C 640	15.8	0.7	21	1	US-09-422-978-11288	Sequence 11288, A	Sequence 11288, A
C 641	15.4	0.6	17	1	US-09-358-972-252	Sequence 252, App	Sequence 252, App
C 642	15.4	0.6	17	1	US-09-383-316-88	Sequence 88, Appl	Sequence 88, Appl
C 643	15.4	0.6	17	1	US-09-866-108A-7368	Sequence 7368, Ap	Sequence 7368, Ap
C 644	15.4	0.6	17	1	US-09-790-417-252	Sequence 252, App	Sequence 252, App
C 645	15.4	0.6	18	1	US-09-544-398B-438	Sequence 438, App	Sequence 438, App
C 646	15.4	0.6	19	1	US-09-696-791-1321	Sequence 1321, Ap	Sequence 1321, Ap
C 647	15.4	0.6	19	1	US-09-696-791-1869	Sequence 1869, Ap	Sequence 1869, Ap
C 648	15.4	0.6	19	1	US-09-696-791-2143	Sequence 2143, Ap	Sequence 2143, Ap
C 649	15.4	0.6	20	1	US-08-564-003-25	Sequence 25, Appl	Sequence 25, Appl
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C 651	15.4	0.6	20	1	US-09-920-759-87	Sequence 87, Appl	Sequence 87, Appl
C 652	15.4	0.6	20	1	US-09-198-452A-5585	Sequence 5585, Ap	Sequence 5585, Ap
C 653	15.4	0.6	20	1	US-10-027-983-90	Sequence 90, Appl	Sequence 90, Appl
C 654	15.2	0.6	20	1	US-07-696-793A-34	Sequence 34, Appl	Sequence 34, Appl
C 655	15.2	0.6	20	1	US-07-977-694-34	Sequence 34, Appl	Sequence 34, Appl
C 656	15.2	0.6	20	1	US-07-922-723A-35	Sequence 35, Appl	Sequence 35, Appl
C 657	15.2	0.6	20	1	US-07-799-828C-35	Sequence 35, Appl	Sequence 35, Appl
C 658	15.2	0.6	20	1	US-07-952-277A-35	Sequence 35, Appl	Sequence 35, Appl
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C 660	15.2	0.6	20	1	US-09-104-497-4	Sequence 4, Appli	Sequence 4, Appli
C 661	15.2	0.6	20	1	US-09-289-267-162	Sequence 162, App	Sequence 162, App
C 662	15.2	0.6	20	1	US-09-289-267-165	Sequence 165, App	Sequence 165, App
C 663	15.2	0.6	20	1	US-09-429-323-4	Sequence 4, Appli	Sequence 4, Appli
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C 665	15.2	0.6	20	1	US-09-488-856A-71	Sequence 71, Appl	Sequence 71, Appl
C 666	15.2	0.6	20	1	US-09-357-740-8	Sequence 8, Appli	Sequence 8, Appli
C 667	15.2	0.6	20	1	US-09-798-096-16	Sequence 16, Appl	Sequence 16, Appl
C 668	15.2	0.6	20	1	US-09-137-223A-14	Sequence 14, Appl	Sequence 14, Appl
C 669	15.2	0.6	20	1	US-09-725-265-42	Sequence 42, Appl	Sequence 42, Appl
C 670	15.2	0.6	20	1	US-09-733-294A-79	Sequence 79, Appl	Sequence 79, Appl
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C 711	14.8	0.6	19	1	US-09-784-423-64	Sequence 64, Appl
C 712	14.8	0.6	19	1	US-09-696-791-2142	Sequence 2142, Ap
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C 714	14.8	0.6	100	1	US-09-513-999C-15118	Sequence 15118, A
C 715	14.4	0.6	16	1	US-09-479-005A-260	Sequence 260, App
C 716	14.4	0.6	16	1	US-09-479-005A-271	Sequence 271, App
C 717	14.4	0.6	17	1	US-09-531-000-72	Sequence 72, Appl
C 718	14.4	0.6	17	1	US-09-866-108A-7367	Sequence 7367, Ap
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C 720	14.4	0.6	17	1	US-08-142-845-5	Sequence 5, Appli
C 721	14.4	0.6	18	1	US-08-551-275-9	Sequence 9, Appli
C 722	14.4	0.6	18	1	US-08-483-746A-6	Sequence 6, Appli
C 723	14.4	0.6	18	1	US-09-137-075-1	Sequence 1, Appli
C 724	14.4	0.6	19	1	US-09-717-793-1	Sequence 20, Appl
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C 735	14.2	0.6	94	1	US-09-621-976-13007	Sequence 254, App
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C 738	14	0.6	17	1	US-09-827-998-414	Sequence 415, App
C 739	14	0.6	17	1	US-09-827-998-415	Sequence 416, App
C 740	14	0.6	17	1	US-09-827-998-416	Sequence 1, Appli
C 741	14	0.6	23	1	US-09-104-497-1	Sequence 35, Appl
C 742	14	0.6	30	1	US-09-480-718-35	Sequence 15107, A
C 743	14	0.6	68	1	US-09-513-999C-15107	Sequence 15107, A
C 744	14	0.6	92	1	US-09-513-999C-15415	Sequence 15415, A
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C 754	13.8	0.6	17	1	US-09-371-772B-1306	Sequence 1306, Ap
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C 756	13.8	0.6	17	1	US-09-401-063-799	Sequence 799, App
C 757	13.8	0.6	17	1	US-09-866-108A-2551	Sequence 2551, Ap
C 758	13.8	0.6	17	1	US-09-866-108A-6340	Sequence 6340, Ap
C 759	13.8	0.6	17	1	US-09-866-108A-7364	Sequence 7364, Ap
C 760	13.8	0.6	17	1	US-09-866-108A-7365	Sequence 7365, Ap
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C 764	13.8	0.6	17	1	US-09-866-108A-9743	Sequence 9743, Ap
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C 767	13.8	0.6	18	1	US-08-974-549A-393	Sequence 393, App
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C 771	13.8	0.6	18	1	US-09-179-298-9	Sequence 8, Appli
C 772	13.8	0.6	18	1	US-09-179-298-9	Sequence 9, Appli
C 773	13.8	0.6	18	1	US-09-179-298-9	Sequence 9, Appli
C 774	13.8	0.6	18	1	US-08-912-951-160	Sequence 160, App
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C 776	13.8	0.6	18	1	US-09-888-341-8	Sequence 8, Appli
C 777	13.8	0.6	18	1	US-09-888-341-9	Sequence 9, Appli
C 778	13.8	0.6	18	1	US-09-888-341-9	Sequence 9, Appli
C 779	13.8	0.6	18	1	US-09-422-978-7398	Sequence 7398, Ap
C 780	13.8	0.6	18	1	US-09-371-772B-2172	Sequence 2172, Ap
C 781	13.8	0.6	18	1	US-09-402-181B-393	Sequence 393, App
C 782	13.8	0.6	18	1	US-09-721-456-393	Sequence 393, App
C 783	13.8	0.6	18	1	US-09-465-491-4	Sequence 4, Appli
C 784	13.8	0.6	18	1	US-09-155-885A-247	Sequence 247, App
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ALIGNMENTS

RESULT 1

US-09-513-999C-17371
 ; Sequence 17371, Application US/09513999C
 ; Patent No. 6783961
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Duclert, A.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
 ; Patent No. 6783961
 ; FILE REFERENCE: 59.US2.REG
 ; CURRENT APPLICATION NUMBER: US/09/513,999C
 ; CURRENT FILING DATE: 2000-02-24
 ; PRIOR APPLICATION NUMBER: US 60/122,487
 ; PRIOR FILING DATE: 1999-02-26
 ; NUMBER OF SEQ ID NOS: 36681
 ; SOFTWARE: Patent.pm
 ; SEQ ID NO 17371
 ; LENGTH: 100
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-513-999C-17371

Query Match 3.6%; Score 86.4; DB 1; Length 100;
 Best Local Similarity 93.8%; Pred.No. 0.014;
 Matches 90; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

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QY 2293 AGGATGCTCTCGATCTCCTGACCTCGTATCGCGCC 2328
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 Db 63 AGGATGCTCTGATCTCCTGACCTCGTATCGCGCC 98

RESULT 2

US-09-513-999C-18683
 ; Sequence 18683, Application US/09513999C
 ; Patent No. 6783961
 ; GENERAL INFORMATION:
 ; APPLICANT: Dumas Milne Edwards, J.B.
 ; APPLICANT: Duclert, A.
 ; APPLICANT: Giordano, J.Y.
 ; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

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; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 28026
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-28026

Query Match          3.4%; Score 81.2; DB 1; Length 94;
Best Local Similarity 91.5%; Pred. No. 0.03;
Matches 86; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

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QY 2323 CGCCCCACCTCGGCTCCCAAAAGTGTGGGATTA 2356
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RESULT 5
US-09-513-999C-32786
; Sequence 32786, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 32786
; LENGTH: 95
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-32786

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Best Local Similarity 90.5%; Pred. No. 0.032;
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RESULT 6
US-09-513-999C-15118/c
; Sequence 15118, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
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; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 18683
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-18683

Query Match          3.6%; Score 86.4; DB 1; Length 100;
Best Local Similarity 93.8%; Pred. No. 0.014;
Matches 90; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2233 CCACACACCTGCTAATTTTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTAGCC 2292
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 3 CCACCATGCCCGCTAATTTTGTATTTTAGTAGAGACAGGGTTTCACAGTGTAGCC 62

QY 2293 AGGATGCTCTCGATCTCTGACCTCGTGATCGGCC 2328
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 63 AGGATGCTCTGATCTCTGACCTCGTGATCGGCC 98

RESULT 3
US-09-621-976-13007/c
; Sequence 13007, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621.976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 13007
; LENGTH: 94
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-13007

Query Match          3.6%; Score 85; DB 1; Length 94;
Best Local Similarity 94.6%; Pred. No. 0.017;
Matches 88; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2263 TAGTAGAGACAGGGTTTCACCGTGTAGCCAGGATGCTTCGATCTCTGACCTCGTGAT 2322
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 94 TAGTAGAGACAGGGTTTCATCGTGTAGCCAGGATGCTTCGATCTCTGACCTCATGAT 35

QY 2323 CGCCCCACCTCGGCTCCCAAAAGTGTGGGATT 2355
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 34 CCACCCACCTCGGCTCCCAAAAGTGTGGGATT 2

RESULT 4
US-09-513-999C-28026
; Sequence 28026, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; CURRENT FILING DATE: 2000-02-24
```

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; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 15118
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-15118

Query Match      3.4%; Score 80; DB 1; Length 100;
Best Local Similarity 89.6%; Pred. No. 0.035;
Matches 86; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2250 TTTTGTGACTTTAGTAGACACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTC 2309
DB 96 TTTTGTGATTTTGTAGTAGACACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTC 37

QY 2310 CTGACCTCGTATCGCCACCTCGGCTCCCAAG 2345
DB 36 CTGACCTGTGATCCATCCACCTCGGCTCCCAAG 1

RESULT 7
US-09-513-999C-27645/c
; Sequence 27645, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 27645
; LENGTH: 90
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: m=a or c
US-09-513-999C-27645

Query Match      3.3%; Score 78.4; DB 1; Length 90;
Best Local Similarity 91.1%; Pred. No. 0.045;
Matches 82; Conservative 1; Mismatches 7; Indels 0; Gaps 0;

QY 2250 TTTTGTGACTTTAGTAGACACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTC 2309
DB 90 TTTTGTGATTTTGTAGTAGACACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTC 31

QY 2310 CTGACCTCGTATCGCCACCTCGGCTCC 2339
DB 30 CTGACCTGTGATCCATCCACCAKCGGCGCTC 1

RESULT 8
US-09-513-999C-19069/c
; Sequence 19069, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
```

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; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 19069
; LENGTH: 86
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-19069

Query Match      3.3%; Score 78; DB 1; Length 86;
Best Local Similarity 94.8%; Pred. No. 0.049;
Matches 81; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACACAGGGTTTACCGTGTAGCCAGGATGGTCTCGATCTCGACCTCGT 2319
DB 86 TTTTAGTAGACACAGGGTTTAACTGTGTAGCCAGGATGGTCTCGATCTCGACCTCGT 27

QY 2320 GATCCGCCACCTCGGCTCCCAAG 2345
DB 26 GATCCCTCCACCTCGGCTCCCAAG 1

RESULT 9
US-09-073-567-49/c
; Sequence 49, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 73 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-49

Query Match      3.1%; Score 73; DB 1; Length 73;
Best Local Similarity 100.0%; Pred. No. 0.11;
Matches 73; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 TTTTGTATTTTACTAGACAGGGGTTTACCATGTTGGTCAGGCTGGTCTTGAACCTCC 60
QY 2311 TGACCTCTGTATCCGCCACCTCGGCTCC 2341
Db 61 TGACCTTGTGATCCACCTGGCTGGCTCC 91

RESULT 14

US-09-621-976-12767
; Sequence 12767, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 12767
; LENGTH: 85
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-621-976-12767

Query Match 2.8%; Score 66.6; DB 1; Length 85;
Best Local Similarity 84.7%; Pred. No. 0.27;
Matches 72; Conservative 2; Mismatches 11; Indels 0; Gaps 0;
QY 2258 ACTTTTACTAGACAGGTTTACCGTGTAGCCAGATGGTCTCGATCTCTGACCTC 2317
Db 1 ATTTCATAGACATGTTTCACCATGTAGCCATGATGGTCTCGATCTCTGACCTC 60
QY 2318 GTGATCCGCCACCTCGGCTCCCA 2342
Db 61 GTGATCCACATGCTTGGCTCCY 85

RESULT 15

US-08-454-557C-91
; Sequence 91, Application US/0845457C
; Patent No. 5830670
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,557C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540

; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-454-557C-91

Query Match 2.8%; Score 65.4; DB 1; Length 84;
Best Local Similarity 86.7%; Pred. No. 0.32;
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 2282 CCGTGTAGCCAGATGGTCTCGATCTCTGACCTCGTGTATCCGCCACCTCGGCTCC 2341
Db 1 CCAATTCATCAGGCTGGTGTGCAACTCTCGACCTCGTGTATCCGCCACCTCGGCTCC 60
QY 2342 AAAGTCTGGGATTACAGGCATG 2364
Db 61 AAAGTCTGGGATTACAGGCATG 83

RESULT 16

US-08-340-426D-91
; Sequence 91, Application US/08340426D
; Patent No. 5948634
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/340,426D
; FILING DATE: 14-NOV-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-340-426D-91
Query Match 2.8%; Score 65.4; DB 1; Length 84;
Best Local Similarity 86.7%; Pred. No. 0.32;
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
QY 2282 CCGTGTAGCCAGATGGTCTCGATCTCTGACCTCGTGTATCCGCCACCTCGGCTCC 2341
Db 1 CCAATTCATCAGGCTGGTGTGCAACTCTCGACCTCGTGTATCCGCCACCTCGGCTCC 60
QY 2342 AAAGTCTGGGATTACAGGCATG 2364
Db 61 AAAGTCTGGGATTACAGGCATG 83

```
RESULT 17
US-08-450-673C-91
; Sequence 91, Application US/08450673C
; Patent No. 5948888
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neutral Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
;
US-08-450-673C-91
Query Match 2.8%; Score 65.4; DB 1; Length 84;
Best Local Similarity 86.7%; Pred. No. 0.32;
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2282 CCGTGTAGCCAGAGTGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 2341
Db 1 CCATGTTTCATCAGGCTGGTGTGCACTCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 60

QY 2342 AAAGTCTGGGATTACAGGCATG 2364
Db 61 AAAGTCTGGGATTACAGGCATG 83

RESULT 18
PCT-US95-17111A-91
; Sequence 91, Application PC/TUS9517111A
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neutral Thread Protein Gene Expression and
; TITLE OF INVENTION: Detection of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/17111A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/340,426
; FILING DATE: 14-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
;
PCT-US95-17111A-91
Query Match 2.8%; Score 65.4; DB 1; Length 84;
Best Local Similarity 86.7%; Pred. No. 0.32;
Matches 72; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2282 CCGTGTAGCCAGAGTGGTCTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 2341
Db 1 CCATGTTTCATCAGGCTGGTGTGCACTCTCTGACCTCGTGATCCGCCACCTCGGCTCCC 60

QY 2342 AAAGTCTGGGATTACAGGCATG 2364
Db 61 AAAGTCTGGGATTACAGGCATG 83

RESULT 19
US-09-513-999C-16016
; Sequence 16016, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A. Y.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; PATENT NO. 6783961
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 16016
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: n=a, g, c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: n=a, g, c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 48
; OTHER INFORMATION: r=a or g
;
US-09-513-999C-16016
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Query Match 2.6%; Score 62.2; DB 1; Length 81;
Best Local Similarity 84.8%; Pred. No. 0.52; Mismatches 1; Indels 0; Gaps 0;
Matches 67; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2253 TTGTACTTTTAGTAGACAGAGGGTTTCCACGGTGTAGCCAGGATGCTCGATCTCCTG 2312
DB 2 TATTNNTTTAAGTAGACAGAGGGTTTCATCGTGTGGCCAGGATGTCCTCAACTCTG 61

QY 2313 ACCTCGTATCGGCCACC 2331
DB 62 ACCTCGTATCGGCCGCC 80

RESULT 20
US-09-513-999C-17000
; Sequence 17000, Application US/09511999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 17000
; LENGTH: 65
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-513-999C-17000

Query Match 2.3%; Score 54.4; DB 1; Length 65;
Best Local Similarity 90.6%; Pred. No. 1.7; Mismatches 6; Indels 0; Gaps 0;
Matches 58; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTCGACCTCGTGATCCGCCCA 2329
DB 1 GACGGGGTTTCTCGTGTAGCCAGGATGGTCTCGATCTCTCGACCTGTGAATCCGCCCA 60

QY 2330 CCTC 2333
DB 61 CCGC 64

RESULT 21
US-09-621-976-7999/c
; Sequence 7999, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621.976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 7999
; LENGTH: 68
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-621-976-7999

Query Match 2.2%; Score 52; DB 1; Length 68;
Best Local Similarity 85.3%; Pred. No. 2.5; Mismatches 10; Indels 0; Gaps 0;
Matches 58; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2189 TCTCTGCTCAGCTCCCAATTAGCTTGGCTACAGTCATCTGCCACACACCTGGCTA 2248
DB 68 TCTCTGCTCAGCTCCCAATTAGCTTGGCTACAGTCATCTGCCACACACCTGGCTA 9

QY 2249 ATTTTGTG 2256
DB 8 ATTTTGTG 1

RESULT 22
US-09-445-174B-23/c
; Sequence 23, Application US/09445174B
; Patent No. 6733966
; GENERAL INFORMATION:
; APPLICANT: van Ommen, Garrit J.B.
; APPLICANT: Petrij-Bosch, Anne
; APPLICANT: Bakker, Egbert
; APPLICANT: Devillee, Peter
; TITLE OF INVENTION: A diagnostic test kit for determining a predisposition
; TITLE OF INVENTION: for breast and ovarian cancer, materials and methods
; FILE REFERENCE: 294-78
; CURRENT APPLICATION NUMBER: US/09/445.174B
; CURRENT FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: PCT/NL98/00325
; PRIOR FILING DATE: 1998-06-03
; PRIOR APPLICATION NUMBER: EP 97201700.8
; PRIOR FILING DATE: 1997-06-04
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 23
; LENGTH: 60
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-445-174B-23

Query Match 2.2%; Score 51; DB 1; Length 60;
Best Local Similarity 91.5%; Pred. No. 2.9; Mismatches 5; Indels 0; Gaps 0;
Matches 54; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2244 GGCTAATTTTGTACTTTTAGTAGACAGAGGGTTTCACCGTGTAGCCAGGATGGTCT 2302
DB 59 GGCTAATTTTGTACTTTTAGTAGAATGGTGTTCACCGTGTAGCCAGGATGGTCT 1

RESULT 23
US-09-513-999C-15107/c
; Sequence 15107, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513.999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 15107
; LENGTH: 68
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-513-999C-15107

Query Match 2.2%; Score 51; DB 1; Length 68;
Best Local Similarity 85.1%; Pred. No. 2.8; Mismatches 10; Indels 0; Gaps 0;


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Matches 57; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 2251 TTTTGTACTTTAGTAGACAGAGGGTTTACCGTGTGTAGCCAGGATGGTCTCGATCTCC 2310
      |||||
Db 67 TTTTGTATTTTGTAGCAGACAGCGGGTTTCCACCATATTTGTCAGGCTGGTCTCGAACTCC 8
QY 2311 TGACCTC 2317
      |||||
Db 7 TGACCCC 1

RESULT 24
US-09-513-999C-19798
; Sequence 19798, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 19798
; LENGTH: 64
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-19798

Query Match 2.1%; Score 50.2; DB 1; Length 64;
Best Local Similarity 87.3%; Pred. No. 3.2;
Matches 55; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 2255 TGTACTTTTAGTAGACAGAGGGTTTACCGTGTGTAGCCAGGATGGTCTCGATCTCTGAC 2314
      |||||
Db 2 TGTATTTTAGTAGACAGAGGGTTTCCCATGTTGTCGGGCTGGTCTCGAACTCTGAC 61
QY 2315 CTC 2317
      |||
Db 62 CTC 64

RESULT 25
US-09-443-199C-1171
; Sequence 1171, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 1171
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1172 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)

Matches 57; Conservative 0; Mismatches 10; Indels 0; Gaps 0;
QY 2251 TTTTGTACTTTAGTAGACAGAGGGTTTACCGTGTGTAGCCAGGATGGTCTCGATCTCC 2310
      |||||
Db 67 TTTTGTATTTTGTAGCAGACAGCGGGTTTCCACCATATTTGTCAGGCTGGTCTCGAACTCC 8
QY 2311 TGACCTC 2317
      |||||
Db 7 TGACCCC 1

RESULT 24
US-09-513-999C-19798
; Sequence 19798, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 19798
; LENGTH: 64
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-19798

Query Match 2.1%; Score 50.2; DB 1; Length 64;
Best Local Similarity 87.3%; Pred. No. 3.2;
Matches 55; Conservative 0; Mismatches 8; Indels 0; Gaps 0;
QY 2255 TGTACTTTTAGTAGACAGAGGGTTTACCGTGTGTAGCCAGGATGGTCTCGATCTCTGAC 2314
      |||||
Db 2 TGTATTTTAGTAGACAGAGGGTTTCCCATGTTGTCGGGCTGGTCTCGAACTCTGAC 61
QY 2315 CTC 2317
      |||
Db 62 CTC 64

RESULT 25
US-09-443-199C-1171
; Sequence 1171, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 1171
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1172 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
```

```
; OTHER INFORMATION: Accession number cg43129081
US-09-443-199C-1171

Query Match 2.0%; Score 48.4; DB 1; Length 51;
Best Local Similarity 98.0%; Pred. No. 4.4;
Matches 49; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 2301 CTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAGTGCTG 2350
      |||||
Db 2 CTCGATCTCTGACCTCGTGATCCGCCACCTTGCGCTCCCAAAGTGCTG 51

RESULT 26
US-09-443-199C-1172
; Sequence 1172, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 1172
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (1171 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43129081
US-09-443-199C-1172

Query Match 2.0%; Score 46.8; DB 1; Length 51;
Best Local Similarity 96.0%; Pred. No. 5.6;
Matches 48; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2301 CTCGATCTCTGACCTCGTGATCCGCCACCTCGGCTCCCAAAGTGCTG 2350
      |||||
Db 2 CTCGATCTCTGACCTCGTGATCCGCCACCTTGCGCTCCCAAAGTGCTG 51

RESULT 27
US-09-422-978-3882
; Sequence 3882, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3882
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
```

```
;
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-4582-359 : polymorphic base G or T
US-09-443-199C-3882

Query Match          2.0%; Score 46.6; DB 1; Length 47;
Best Local Similarity 97.9%; Pred. No. 5.9;
Matches 46; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

Qy  2271 ACAGGGTTTACCGGTTAGCAGGATGCTCGATCTCTGACCTC 2317
Db  1 ACAGGGTTTACCGGTTAGCAGGATGCTCGATCTCTGACCTC 47

RESULT 28
US-09-513-999C-33702/c
; Sequence 33702, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59 US2, REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 33702
; LENGTH: 57
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-33702

Query Match          1.9%; Score 45.8; DB 1; Length 57;
Best Local Similarity 87.7%; Pred. No. 6.4;
Matches 50; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

Qy  2252 TTTTGTACTTTTAGTAGACAGGTTTACCGGTTAGCCAGGATGCTCGATCT 2308
Db  57 TTTTGTACTTTTAGTAGACAGGTTTACCGGTTAGCCAGGATGCTCGAATCT 1

RESULT 29
US-09-443-199C-671/c
; Sequence 671, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 671
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (672 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
```

```
;
; OTHER INFORMATION: Accession number cg42924993
US-09-443-199C-671

Query Match          1.8%; Score 43; DB 1; Length 51;
Best Local Similarity 90.2%; Pred. No. 9.8;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy  2252 TTTTGTACTTTTAGTAGACAGGTTTACCGGTTAGCCAGGATGCTCT 2302
Db  51 TTTTGTACTTTTAGTAGACAGGTTTACCGGTTAGCCAGGATGCTCT 1

RESULT 30
US-09-443-199C-1125
; Sequence 1125, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 1125
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1126 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg42894694
US-09-443-199C-1125

Query Match          1.8%; Score 43; DB 1; Length 51;
Best Local Similarity 90.2%; Pred. No. 9.8;
Matches 46; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy  2252 TTTTGTACTTTTAGTAGACAGGTTTACCGGTTAGCCAGGATGCTCT 2302
Db  1 TTTTGTACTTTTAGTAGACAGGTTTACCGGTTAGCCAGGATGCTCT 51

RESULT 31
US-09-641-638-659/c
; Sequence 659, Application US/09641638
; Patent No. 6432648
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Chumakov, Ilya
; APPLICANT: Cohen, Annick
; TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
; FILE REFERENCE: GENSET.051CP1
; CURRENT APPLICATION NUMBER: US/09/641,638
; CURRENT FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/502,330
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 60/133,200
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 09/275,267
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/119,917
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 1304
```

```
; SOFTWARE: Patent.pm
; SEQ ID NO 659
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 10-520-256 : polymorphic base C or T
US-09-641-638-659

Query Match          1.8%; Score 42.6; DB 1; Length 47;
Best Local Similarity 97.7%; Pred. No. 11;
Matches 42; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 2316
      |||||||
Db 43 GGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 1

RESULT 32
US-10-170-097-659/c
; Sequence 659, Application US/10170097
; Patent No. 6794143
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Bougueleret, Lydie
; APPLICANT: Chumakov, Ilya
; APPLICANT: Cohen, Annick
; TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
; FILE REFERENCE: GEN-T14XC2D1
; CURRENT APPLICATION NUMBER: US/10/170,097
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/641,638
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/502,330
; PRIOR FILING DATE: 2000-02-11
; PRIOR APPLICATION NUMBER: US 60/133,200
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 09/275,267
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: US 60/119,917
; PRIOR FILING DATE: 1999-02-12
; NUMBER OF SEQ ID NOS: 1304
; SOFTWARE: Patent.pm
; SEQ ID NO 659
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 10-520-256 : polymorphic base C or T
US-10-170-097-659

Query Match          1.8%; Score 42.6; DB 1; Length 47;
Best Local Similarity 97.7%; Pred. No. 11;
Matches 42; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 2316
      |||||||
Db 43 GGGTTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCT 1

RESULT 33
US-09-422-978-646/c
; Sequence 646, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 646
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-1602-200 : polymorphic base G or C
US-09-422-978-646

Query Match          1.8%; Score 42.4; DB 1; Length 47;
Best Local Similarity 93.5%; Pred. No. 11;
Matches 43; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGAGGGTTTCACCGTGTAGCCAGGATGGTCTCGAT 2306
      |||||||
Db 47 TTTAGTAGACAGAGGGTTTCACCTGTAGCCAGGATGGTCTCGAT 2

RESULT 34
US-09-513-999C-26492
; Sequence 26492, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 26492
; LENGTH: 52
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 12
; OTHER INFORMATION: b=c or g or t
US-09-513-999C-26492

Query Match          1.8%; Score 41.6; DB 1; Length 52;
Best Local Similarity 86.5%; Pred. No. 12;
Matches 45; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2255 TGTACTTTTGTAGTAGACAGGGTTTCACCGTGTAGCCAGGATGGTCTCGAT 2306
      |||||||
Db 1 TGTATTTTGTGBAGACAGCGGGTTTCGCCATGTTGCCAGGATGGTCTCGAT 52

RESULT 35
US-09-443-199C-672/c
; Sequence 672, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
```

```
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 672
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (671 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg42924993
US-09-443-199C-672

Query Match      1.7%; Score 41.4; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCT 2302
Db 51 TTTTGTATTTTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCT 1

RESULT 36
US-09-443-199C-913
; Sequence 913, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 913
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (914 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-913

Query Match      1.7%; Score 41.4; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCTCGATCCTG 2312
Db 1 TTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCTCGATCCTG 51

RESULT 37
US-09-443-199C-1126
; Sequence 1126, Application US/09443199C
; Patent No. 6670464
```

```
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 1126
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (1125 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg42894694
US-09-443-199C-1126

Query Match      1.7%; Score 41.4; DB 1; Length 51;
Best Local Similarity 88.2%; Pred. No. 12;
Matches 45; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2252 TTTTGTACTTTTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCT 2302
Db 1 TTTTGTATTTTAGTAGACAGAGGTTTACCGTGTAGCCAGGATGGTCT 51

RESULT 38
US-09-443-199C-911
; Sequence 911, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Leach, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 911
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (912 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43971764
US-09-443-199C-911

Query Match      1.7%; Score 40.4; DB 1; Length 51;
Best Local Similarity 97.6%; Pred. No. 14;
Matches 41; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2330 CCTCGCGCTCCCAAGTGTGGGATTACAGGCATGAGCCACC 2371
Db 1 CCTCAGCCTCCCAAGTGTGGGATTACAGGCATGAGCCACC 42

RESULT 39
```

```
US-09-443-199C-914
; Sequence 914, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR FILING DATE: 1999-11-16
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 914
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (913 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43972482
US-09-443-199C-914

Query Match      1.7%; Score 39.8; DB 1; Length 51;
Best Local Similarity 86.3%; Pred. No. 16;
Matches 44; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2262 TTATGAGACAGGGTTTACCGTGTGGTACGAGGATGCTCGATCTCCTG 2312
      |||||
Db 1 TTATGAGACAGGGTTTACCGTGTGGTACGAGGATGCTCGATCTCCTG 51

RESULT 40
US-09-513-999C-18997/c
; Sequence 18997, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; Patent No. 6783961
; FILE REFERENCE: 59 US2,REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 18997
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-18997

Query Match      1.7%; Score 39.8; DB 1; Length 51;
Best Local Similarity 86.3%; Pred. No. 16;
Matches 44; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2086 TTATTTTATTTTGTGACCGAGCTTGTCTCTTACCCAGGCTGAGTGC 2136
      |||||
Db 51 TTTTATTTTATTTTGTGACCGAGCTTGTCTCTTACCCAGGCTGAGTGC 1

RESULT 41
US-09-443-199C-912
; Sequence 912, Application US/09443199C
; Patent No. 6670464
```

```
; GENERAL INFORMATION:
; APPLICANT: Shimkets, Richard A.
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: 15966-534A
; CURRENT APPLICATION NUMBER: US/09/443,199C
; CURRENT FILING DATE: 1999-11-16
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: Curagen Patent Formatter Version 0.9
; SEQ ID NO 912
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 2 of 2 allelic variants (911 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43971764
US-09-443-199C-912
```

```
Query Match      1.6%; Score 38.8; DB 1; Length 51;
Best Local Similarity 95.2%; Pred. No. 18;
Matches 40; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2330 CCTCGGCTCCCAAGTCTGGATTCAGGATTCAGGCATGAGCCACC 2371
      |||||
Db 1 CCTCAGCTCCCAAGTCTGGATTCAGGCATCAGGCATGAGCCACC 42
```

```
RESULT 42
US-09-540-699-17
; Sequence 17, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalla, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR FILING DATE: 1999-03-31
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 17
; LENGTH: 40
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; OTHER INFORMATION: MDW2 mRNA
US-09-540-699-17
```

```
Query Match      1.6%; Score 38.4; DB 1; Length 40;
Best Local Similarity 97.5%; Pred. No. 20;
Matches 39; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 659 GGACTCAGGTACATCTGTGAGTGAGAACAGGTGTCACTT 698
      |||||
Db 1 GGACCCAGGTACATCTGTGAGTGAGAACAGGTGTCACTT 40
```

```
RESULT 43
US-09-060-023A-1/c
; Sequence 1, Application US/09060023A
```

```
; Patent No. 6391642
; GENERAL INFORMATION:
; APPLICANT: Reznick, Michael A.
; APPLICANT: Laktionov, Vladimir L.
; APPLICANT: Kouprina, Natalay Y.
; APPLICANT: Perkins, Edward L.
; TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESS: Needle & Rosenberg, P.C.
; STREET: Suite 1200, 127 Peachtree Street, N.E.
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060.023A
; FILING DATE: April 14, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11478
; FILING DATE: JULY 9, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perryman, David G.
; REGISTRATION NUMBER: 33,438
; REFERENCE/DOCKET NUMBER: 14014.0291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404-688-0770
; TELEFAX: 404-688-9880
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-060-023A-1

Query Match 1.6%; Score 38.4; DB 1; Length 40;
Best Local Similarity 97.5%; Pred. No. 20;
Matches 39; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGCTCCCAAGTCTGGGATTACAGGCATGAGCCACC 2371
Db 40 TCGGCTCCCAAGTCTGGGATTACAGGCATGAGCCACC 1

RESULT 44
US-09-422-978-2999
; Sequence 2999, Application US/09422978
; Patent No. 653751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47
```

```
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T
US-09-422-978-2999

Query Match 1.6%; Score 37; DB 1; Length 47;
Best Local Similarity 85.1%; Pred. No. 24;
Matches 40; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 2322 TCGGCCACCTCGGCTCCCAAGTCTGGGATTACAGGCATGAGCC 2368
Db 1 TCGGCTGCCTCAGCTCCCAAAATGCTAGGATTATTAGGCGTGAGCC 47

RESULT 45
US-08-255-889-10
; Sequence 10, Application US/08255889
; Patent No. 5525467
; GENERAL INFORMATION:
; APPLICANT: ANAND, RAKESH
; TITLE OF INVENTION: AMPLIFICATION METHODS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DARBAY & CUSHMAN
; STREET: 1615 L STREET, N.W.
; CITY: WASHINGTON, D.C.
; STATE:
; COUNTRY: U.S.A.
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5"
; COMPUTER: IBM PC
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: ASCII from WPS-DOS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/255,889
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 9112801.7
; FILING DATE: 13-Jun-1991
; APPLICATION NUMBER: 9112795.1
; FILING DATE: 13-Jun-1991
; APPLICATION NUMBER: 9112797.7
; FILING DATE: 13-Jun-1991
; APPLICATION NUMBER: 9112799.3
; FILING DATE: 13-Jun-1991
; APPLICATION NUMBER: US 07/899,067
; FILING DATE: 12-JUN-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: KOKULIS, PAUL N.
; REGISTRATION NUMBER: 16773
; REFERENCE/DOCKET NUMBER: 96358/PH.36394/US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 861-3000
; TELEFAX: (202) 822-0944
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 35
; TYPE: Nucleic acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-08-255-889-10

Query Match 1.4%; Score 34.2; DB 1; Length 35;
Best Local Similarity 94.3%; Pred. No. 39;
Matches 33; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTCTGGGATTACAGGCATGAGCCA 2369
|||||
```

Db 1 GCCTCCCAAGTCTGGGATTACAGGYRTGAGCCA 35

RESULT 46

US-09-540-699-20/c
; Sequence 20, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimala, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MDM2 mRNA
; OTHER INFORMATION: probe; +338 to +389.
US-09-540-699-20

Query Match 1.2%; Score 29; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 86;
Matches 29; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 649 AGGAATCATCGGACTCAGGTACATCTGTG 677
Db 29 AGGAATCATCGGACTCAGGTACATCTGTG 1

RESULT 47

US-08-859-998-27
; Sequence 27, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Johhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-08-859-998-27

Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-08-859-998-27

Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 920 GGAGATATCTTGTGAAGAAGCAGTAGC 947
Db 1 GGAGATATCTTGTGAAGAAGCAGTAGC 28

RESULT 48

US-08-859-998-28/c
; Sequence 28, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Johhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
US-08-859-998-28

Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1204 CCTAGCTGACTATTGGAATGCATTC 1231
Db 28 CCTAGCTGACTATTGGAATGCATTC 1

RESULT 49
US-09-225-928-27
; Sequence 27, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/09/225,928
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/09/225,928
; APPLICATION DATA:
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-225-928-27
Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 GGAGATATGTTGTGAAGACGATAGC 947
Db 1 GGAGATATGTTGTGAAGACGATAGC 28

RESULT 50
US-09-225-928-28/c
; Sequence 28, Application US/09225928
; Patent No. 6352829
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION NUMBER: US/09/225,928
; APPLICATION DATA:
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-225-928-28
Query Match 1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1204 CCTAGCTGACTATTGGAATGCATTC 1231
Db 28 CCTAGCTGACTATTGGAATGCATTC 1

RESULT 51
US-09-540-699-16
; Sequence 16, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalia, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
```



```
; OTHER INFORMATION: MDM2 mRNA
US-09-540-699-16

Query Match      1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 671 ATCTGTGAGTGAGACAGAGTGTCACCTT 698
Db 1 ATCTGTGAGTGAGACAGAGTGTCACCTT 28

RESULT 52
US-09-225-201B-27
; Sequence 27, Application US/09225201B
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvilli, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 27:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-225-201B-27

Query Match      1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 920 GGAGATATGTTGGAAGAGCAGTAGC 947
Db 1 GGAGATATGTTGGAAGAGCAGTAGC 28

RESULT 53
US-09-225-201B-28/c
; Sequence 28, Application US/09225201B
```

```
; Patent No. 6489455
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
;      Jokhadze, George
;      Bibilashvilli, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
;      EXPRESSION
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
; INFORMATION FOR SEQ ID NO: 28:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-225-201B-28

Query Match      1.2%; Score 28; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 1e+02;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1204 CCTTAGCTGACTATTGGAATGCACCTC 1231
Db 28 CCTTAGCTGACTATTGGAATGCACCTC 1

RESULT 54
US-09-304-232-196
; Sequence 196, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
```

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 196
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: APOC4 1287
US-09-304-232-196

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 1.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2332 TCGGCTCCCAAGTGGGATTACAGG 2360
DB 1 TTGGCTCCCAAGTGGGATTACAGG 29

RESULT 55

US-09-304-232-513
Sequence 513 Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 513
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: GLUT4EX11 941
US-09-304-232-513

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 1.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2281 ACCGGTTAGCCAGGATGGTCTCGATCTC 2309
DB 1 ACCATGTTAGCCAGATGGTCTCGATCTC 29

RESULT 56

US-09-304-232-571
Sequence 571 Application US/09304232
Patent No. 6525185
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
FILE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/09/304,232
CURRENT FILING DATE: 1999-05-03
EARLIER APPLICATION NUMBER: US 60/084,641
EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 571
LENGTH: 29
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: HSTSCGENE 3838
US-09-304-232-571

Query Match 1.1%; Score 27; DB 1; Length 29;
Best Local Similarity 93.1%; Pred. No. 1.1e+02;
Matches 27; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAGTCTGGGATTACAGGATGAGC 2367
DB 1 CCCAAGTCTGGGATTACAGGCTGAGC 29

RESULT 57

US-09-280-805-270/c
Sequence 270, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 270:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-270

Query Match 1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 415 TGAAGTATTAAAGTCTGTGGTGCA 440
DB 26 TGAAGTATTAAAGTCTGTGGTGCA 1

RESULT 58

US-09-540-699-18

; Sequence 18, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalia, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 18
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MDM2 mRNA
; OTHER INFORMATION: forward primer; +311 to +366).
US-09-540-699-18

Query Match 1.1%; Score 26; DB 1; Length 26;
Best Local Similarity 100.0%; Pred. No. 1.3e+02;
Matches 26; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 622 ACAGGAACCTGGTAGTAGTCAATCAG 647
|||||
Db 1 ACAGGAACCTGGTAGTAGTCAATCAG 26

RESULT 59
US-09-304-232-503
; Sequence 503, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 503
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 1005
US-09-304-232-503

Query Match 1.1%; Score 26; DB 1; Length 29;
Best Local Similarity 92.9%; Pred. No. 1.3e+02;
Matches 26; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGCATGAGCCG 2372
|||||
Db 1 GTGCTGGGATTACAGGCATGAGCCG 28

RESULT 60
US-09-480-718-35
; Sequence 35, Application US/09480718
; Patent No. 6407062

; GENERAL INFORMATION:
; APPLICANT: Sherr, Charles J
; APPLICANT: Quelle, Dawn E
; APPLICANT: Weber, Jason D.
; APPLICANT: Rousselet, Martine F.
; APPLICANT: Frederique, Zindy
; TITLE OF INVENTION: ARF-19, A NOVEL REGULATOR OF THE MAMMALIAN CELL CYCLE
; FILE REFERENCE: 1340-1-023 CIP 1
; CURRENT APPLICATION NUMBER: US/09/480,718
; CURRENT FILING DATE: 2000-01-07
; EARLIER APPLICATION NUMBER: 09/129,855
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-480-718-35

Query Match 1.1%; Score 25.8; DB 1; Length 30;
Best Local Similarity 93.1%; Pred. No. 1.3e+02;
Matches 27; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAACATGCTGTACCTAC 340
|||||
Db 1 ATGTGCAATACCAACATGCTGTGCTAC 29

RESULT 61
US-09-304-232-156
; Sequence 156, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 156
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC1EX1 1020
US-09-304-232-156

Query Match 1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 1.4e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGACAGAGGTTTCAC 2282
|||||
Db 1 TTGTATTTTCAGTAKAGACAGGTTTCAC 29

RESULT 62
US-09-304-232-195
; Sequence 195, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing

```

; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 195
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1281
US-09-304-232-195

```

```

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 1.4e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2326 CCCACCTCGGCTCCCAAGTGGTGGGAT 2354
      |||||
Db 1 CCCGCTTGGCTCTCAAAAGTCTGGGAT 29

```

```

RESULT 63
US-09-304-232-512
; Sequence 512, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 512
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 935
US-09-304-232-512

```

```

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 1.4e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2275 GGTTCACCGTGTAGCCAGGATGGTCTC 2303
      |||||
Db 1 GGTTCACCATGTTGCCAAGATGGTCTC 29

```

```

RESULT 64
US-09-304-232-705
; Sequence 705, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda

```

```

; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 705
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3186
US-09-304-232-705

```

```

Query Match      1.1%; Score 25.4; DB 1; Length 29;
Best Local Similarity 89.7%; Pred. No. 1.4e+02;
Matches 26; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2319 TGATCGCCACCTCGGCTCCCAAGTG 2347
      |||||
Db 1 TGATCGCCGCTTGGCTCCCAAGTG 29

```

```

RESULT 65
US-09-280-805-271
; Sequence 271, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 271:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-271

```

Query Match 1.1%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 355 CCACCTCACAGATTCAGCTTCGGA 379
|||
DB 1 CCACCTCACAGATTCAGCTTCGGA 25

RESULT 66
US-09-837-149-4
; Sequence 4, Application US/09837149
; Patent No. 6448014
; GENERAL INFORMATION:
; APPLICANT: Cloyd, Miles W.
; APPLICANT: Yeh, Chi-Cheng M.
; APPLICANT: Chen, Jianmin
; TITLE OF INVENTION: PCR-Hybridization Assays Specific for
; TITLE OF INVENTION: Integrated Retroviruses
; FILE REFERENCE: D6285
; CURRENT APPLICATION NUMBER: US/09/837,149
; CURRENT FILING DATE: 2001-04-18
; PRIOR APPLICATION NUMBER: US 60/198,884
; PRIOR FILING DATE: 2000-04-19
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 4
; LENGTH: 25
; TYPE: DNA
; ORGANISM: artificial sequence
; NAME/KEY: primer
; FEATURE:
; OTHER INFORMATION: primer for the Alu sequence in the human
; OTHER INFORMATION: Chromosomal DNA
US-09-837-149-4

Query Match 1.1%; Score 25; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 25; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTCTGGATTACAG 2359
|||
DB 1 GCCTCCCAAGTCTGGATTACAG 25

RESULT 67
US-09-304-232-703
; Sequence 703, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 703
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3139
US-09-304-232-703

Query Match 1.1%; Score 25; DB 1; Length 29;

Best Local Similarity 92.6%; Pred. No. 1.5e+02;
Matches 25; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2274 GGTTTCCCGTGTAGCCAGGATGCT 2300
|||
DB 3 GGATTTCACCGTGTAGCCAGGATGCT 29

RESULT 68
US-09-304-232-193
; Sequence 193, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 193
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 1150
US-09-304-232-193

Query Match 1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 1.6e+02;
Matches 25; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTCTGGATTACAGGATGAGCCAC 2370
|||
DB 1 AAGTCTAGGATTAYAGCGTGAGCCAC 28

RESULT 69
US-09-304-232-698
; Sequence 698, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 698
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3009
US-09-304-232-698

Query Match 1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 1.6e+02;


```

; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 79
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: AE1EX20 1679
US-09-304-232-79

```

```

Query Match      1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      2098 TTGAGACCGAGTCTGTCTGTGTACCCAG 2126
          |||||:||||:||||:||||:||||:||||:
Db      29  TTGAGACAGGCTCTGTCTGTGTGCCAG 1

```

```

RESULT 75
US-09-304-232-158
; Sequence 158, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 158
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC1EX1 1057
US-09-304-232-158

```

```

Query Match      1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      2303 CGATCTCTGACCTGTGTATCGGCCACC 2331
          |||||:||||:||||:||||:||||:||||:
Db      1  CGATCTCTGACTTGTGTATCGCGCTGCC 29

```

```

RESULT 76
US-09-304-232-185/c
; Sequence 185, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:

```

```

; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 185
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1975
US-09-304-232-185

```

```

Query Match      1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      2110 CTGCTCTGTACCCAGGCTGGAGTGCAG 2138
          |||||:||||:||||:||||:||||:||||:
Db      29  CTCCCTCTGTCCACCTGGAGTGCAG 1

```

```

RESULT 77
US-09-304-232-514
; Sequence 514, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 514
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 963
US-09-304-232-514

```

```

Query Match      1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      2303 CGATCTCTGACCTGTGTATCGGCCACC 2331
          |||||:||||:||||:||||:||||:||||:
Db      1  CGATCTCTGACCTGTGTATCGCGCTGCC 29

```

```

RESULT 78
US-09-304-232-589/c
; Sequence 589, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:

```

```
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kennech
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 589
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: IAPPEX3 848
US-09-304-232-589

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2105 CGAGTCTGCTCTGTACCCAGGCTGGAG 2133
Db 29 CGAGTCTCCTCTGTGACCCAGGCTGGAG 1

RESULT 79
US-09-304-232-685/c
; Sequence 685, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kennech
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 685
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 1500
US-09-304-232-685

Query Match 1.0%; Score 23.8; DB 1; Length 29;
Best Local Similarity 86.2%; Pred. No. 1.8e+02;
Matches 25; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2267 AGAGACAGGTTTACCGTGTAGCCAGG 2295
Db 29 AGAGACGGGGTTTCRCATGTTGGCCAGG 1

RESULT 80
US-09-060-023A-4
; Sequence 4, Application US/09060023A
; Patent No. 6391642
; GENERAL INFORMATION:
; APPLICANT: Resnick, Michael A.
; APPLICANT: Lariouov, Vladimir L.
; APPLICANT: Kouprina, Natalay Y.
; TITLE OF INVENTION: TRANSFORMATION-ASSOCIATED RECOMBINATION
; TITLE OF INVENTION: CLONING
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Needle & Rosenberg, P.C.
; STREET: Suite 1200, 127 Peachtree Street, N.E.
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: USA
; ZIP: 30303-1811
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,023A
; FILING DATE: April 14, 1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/11478
; FILING DATE: JULY 9, 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Perryman, David G.
; REGISTRATION NUMBER: 33,438
; REFERENCE/DOCKET NUMBER: 14014.0291
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 404-688-0770
; TELEFAX: 404-688-9880
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-060-023A-4

Query Match 1.0%; Score 23.6; DB 1; Length 30;
Best Local Similarity 86.7%; Pred. No. 1.8e+02;
Matches 26; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2097 TTTGAGACCGAGTCTGCTGTGTACCCAG 2126
Db 1 TTTGAGACCGAGTCTGCTGTGTACCCAG 30

RESULT 81
US-09-385-917-4/c
; Sequence 4, Application US/09385917
; Patent No. 6294546
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn
; APPLICANT: Musser, John
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: SUN-96PRV
; CURRENT APPLICATION NUMBER: US/09/385,917
; CURRENT FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-385-917-4

Query Match 1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 2.1e+02;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```

;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,928
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,998
; FILING DATE: 21-MAY-1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
;
; INFORMATION FOR SEQ ID NO: 66:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: DNA
;
; FEATURE:
;
; OTHER INFORMATION: oligonucleotide primer
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-09-225-928-66

Query Match 1.0%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGCGTGAGC 2367
Db 1 AAAGTCTAGGATTACAGCGTGAGC 26

RESULT 86
US-09-367-750-10
; Sequence 10, Application US/09367750
; Patent No. 6436639
;
; GENERAL INFORMATION:
; APPLICANT: Kiefer, Michael C.
; APPLICANT: Ossina, Natalya K.
; TITLE OF INVENTION: BAK PROMOTER EXPRESSION SYSTEM
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LXR BIOTECHNOLOGY INC.
; STREET: 3095 Richmond Parkway, Suite 213
; CITY: Richmond
; STATE: CA
; COUNTRY: USA
; ZIP: 94806
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/367,750
; FILING DATE: 07-DEC-1999
; CLASSIFICATION: 435
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Brown, Theresa A.
; REGISTRATION NUMBER: 32,547
; REFERENCE/DOCKET NUMBER: 4147-14-PUS
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 863-9700
; TELEFAX: (303) 863-0223
;
; INFORMATION FOR SEQ ID NO: 10:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs

```

```

;
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; US-09-367-750-10
;
; Query Match 1.0%; Score 22.8; DB 1; Length 26;
; Best Local Similarity 92.3%; Pred. No. 2.1e+02;
; Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2264 AGTAGACAGGGTTTCACCGTGTTA 2289
; Db 1 AGTAGACAGGGTTTCACCATGTTA 26
;
; RESULT 87
; US-09-225-201B-66
; Sequence 66, Application US/09225201B
; Patent No. 6489455
;
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; Jekhadze, George
; Bibilashvili, Robert
;
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; EXPRESSION
;
; NUMBER OF SEQUENCES: 1375
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 2200 Sand Hill Road, Suite 100
; CITY: Menlo Park
; STATE: CA
; COUNTRY: US
; ZIP: 94025
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSeq for Windows Version 2.0
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/225,201B
; FILING DATE: 05-Jan-1999
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,998
; FILING DATE: 21-MAY-1997
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Field, Bret E.
; REGISTRATION NUMBER: 37,620
; REFERENCE/DOCKET NUMBER: 09096/002001
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-322-5070
; TELEFAX: 415-854-0875
;
; INFORMATION FOR SEQ ID NO: 66:
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; MOLECULE TYPE: DNA
;
; FEATURE:
;
; OTHER INFORMATION: oligonucleotide primer
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-09-225-201B-66

Query Match 1.0%; Score 22.8; DB 1; Length 26;
Best Local Similarity 92.3%; Pred. No. 2.1e+02;
Matches 24; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGGATTACAGCGTGAGC 2367
Db 1 AAAGTCTAGGATTACAGCGTGAGC 26

RESULT 88

```

```
US-09-304-232-511
; Sequence 511, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 511
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 930
US-09-304-232-511

Query Match          1.0%; Score 22.8; DB 1; Length 29;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 24; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2271 ACAGGTTTCACCGTGTAGCCAGGATG 2298
||| ||||| ||||| ||||| ||||| |||||
Db 2 ACGCGGTTTCACCGTGTAGCCAGGATG 29

RESULT 89
US-09-304-232-697
; Sequence 697, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 697
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PG1SEX10 2374
US-09-304-232-697

Query Match          1.0%; Score 22.8; DB 1; Length 29;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 24; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTGTATCCAGGCTGGAG 2133
||||| ||||| ||||| ||||| |||||
Db 2 GAGTCTCGCTCTGTGTGCCAGGCTAGAG 29

RESULT 90
US-08-454-557C-6/c
; Sequence 6, Application US/08454557C
; Patent No. 5830670
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,557C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-454-557C-6

Query Match          1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTTCAGCACCATTCTCTGCTCAGCCTCCC 2207
||| ||||| ||||| ||||| |||||
Db 30 TTCAAGCGATTCTCTGCTCAGCCTCCC 2

RESULT 91
US-08-340-426D-6/c
; Sequence 6, Application US/08340426D
; Patent No. 5948634
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/340,426D
; FILING DATE: 14-NOV-1994
```

```

; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-340-426D-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTCCGACCATTTCTCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 92
US-08-450-673C-6/c
; Sequence 6, Application US/08450673C
; Patent No. 5948888
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/450.673C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-450-673C-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTCCGACCATTTCTCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2
```

```

RESULT 93
PCT-US95-17111A-6/c
; Sequence 6, Application PC/TUS9517111A
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and
; TITLE OF INVENTION: Detection of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/17111A
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/340,426
; FILING DATE: 14-NOV-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 30 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
PCT-US95-17111A-6

Query Match 1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 2.1e+02;
Matches 25; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTCCGACCATTTCTCTGCTCAGCTCC 2207
Db 30 TTCAAGCGATTCTCTGCTCAGCTCC 2

RESULT 94
US-08-579-445-10/c
; Sequence 10, Application US/08579445
; Patent No. 6566053
; GENERAL INFORMATION:
; APPLICANT: Perucho, Manuel
; APPLICANT: Peinado, Miguel A.
; APPLICANT: Ionov, Yuri
; APPLICANT: Malkhosyan, Sergei
; TITLE OF INVENTION: Identification of Neoplasms by Detection
; TITLE OF INVENTION: of Genetic Deletions
; NUMBER OF SEQUENCES: 27
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive, Sixteenth Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
```

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA: US/08/579,445
FILING DATE: US/08/579,445
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/152,484
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Kirkpatrick, Anita M.
REGISTRATION NUMBER: 32,617
REFERENCE/DOCKET NUMBER: STRATAG.009A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 235-8550
TELEFAX: (619) 235-0176
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
IMMEDIATE SOURCE:
CLONE: ALU
US-08-579-445-10.

Query Match 0.9%; Score 22.4; DB 1; Length 25;
Best Local Similarity 95.8%; Pred. No. 2.2e+02;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 TTTTAGTAGACAGCGTTTCACC 2283
|||||
DB 24 TTTTAGTAGACAGCGTTTCACC 1

RESULT 95
US-09-304-232-183/c
; Sequence 183, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 183
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1817
US-09-304-232-183

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2270 GACAGGGTTTCACCGTGTAGCCAGGATG 2298

Db 29 GATGGGTTTCACCRGTGTGGCCAGGTG 1
RESULT 96
US-09-304-232-209/c
; Sequence 209, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 209
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2345
US-09-304-232-209

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2222 ACAGTCATCTGCACACACCTGGGTAAT 2250
|||||
DB 29 ACAGGCATCTGCCAYCATGCCGGCTAAT 1

RESULT 97
US-09-304-232-210/c
; Sequence 210, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 210
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC4 2366
US-09-304-232-210

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAAGTCTGGGATTACAGGCAT 2363
|||||

Db 29 GCCTCCGAGTAGCGGGGATTACAGGCAT 1

RESULT 98

US-09-304-232-686/c
; Sequence 686, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 686
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 1505
US-09-304-232-686

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2262 TTAGTAGACAGCGGTTTCACCGTGTAG 2290

Db 29 TTAGTAGACAGCGGTTTCGCGCATGTTGG 1

RESULT 99

US-09-304-232-696
; Sequence 696, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 696
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 2967
US-09-304-232-696

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2098 TTGAGACCGAGTCTGCTCTTACCCAG 2126

Db 1 TTGAGATGGAGTCTGCTCTGCTGCCAG 29

RESULT 100

US-09-304-232-700
; Sequence 700, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 700
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PGISEX10 3061
US-09-304-232-700

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2193 CTCGCTCAGCCTCCCAATTAGCTTGGCCT 2221

Db 1 CTCGCTCAGCCTCCYCGAGTAGCTGGGACT 29

RESULT 101

US-09-304-232-863
; Sequence 863, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 863
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: TBXA2REX3 953
US-09-304-232-863

Query Match 0.9%; Score 22.2; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 2.2e+02;
Matches 24; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 2179 TTGCGACCAATTCTCTGCTCAGCCTCCC 2207

Db 1 TTCAAGCGATTCTCTGCTCAGCCTCCC 29

```
RESULT 102
US-08-635-820A-1
; Sequence 1, Application US/08635820A
; Patent No. 5817462
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchfree lane
; CITY: Silver Spring
; STATE: Maryland
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/635,820A
; FILING DATE: 22-Apr-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-635-820A-1
;
Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTACAG 2359
Db 1 TCCCAAAGTCTGGGATTACAG 22

RESULT 103
US-09-100-104-1
; Sequence 1, Application US/09100104
; Patent No. 6066459
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE
; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND
; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
```

```
; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,104
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; APPLICATION NUMBER: 08/635,820
; FILING DATE: 22-Apr-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-100-104-1
;
Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTACAG 2359
Db 1 TCCCAAAGTCTGGGATTACAG 22

RESULT 104
US-09-385-917-3
; Sequence 3, Application US/09385917
; Patent No. 6294546
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn
; APPLICANT: Musser, John
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: SUN-96PRV
; CURRENT APPLICATION NUMBER: US/09/385,917
; CURRENT FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: H. sapiens
; US-09-385-917-3
;
Query Match 0.9%; Score 22; DB 1; Length 22;
```

Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCAATCAGCAGGAATCATCGG 660
Db 1 GTCAATCAGCAGGAATCATCGG 22

RESULT 105

US-09-540-699-19/c
; Sequence 19, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimala, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: MDW2 mRNA
US-09-540-699-19

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 679 GTGAGACAGGTGTCACTTGA 700
Db 22 GTGAGACAGGTGTCACTTGA 1

RESULT 106

US-09-884-898-3
; Sequence 3, Application US/09884898
; Patent No. 6537984
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, Edwin S.
; APPLICANT: Musser, John H.
; TITLE OF INVENTION: USES OF DITERPENOID TRIPOXIDES AS AN
; TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
; FILE REFERENCE: STAN096DIV
; CURRENT APPLICATION NUMBER: US/09/884,898
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-884-898-3

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCAATCAGCAGGAATCATCGG 660
Db 1 GTCAATCAGCAGGAATCATCGG 22

RESULT 107

US-09-935-794-3
; Sequence 3, Application US/09935794
; Patent No. 6599499
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, Edwin S.
; APPLICANT: Musser, John H.
; TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an
; TITLE OF INVENTION: Anti-Proliferative Agent
; FILE REFERENCE: STAN096CIP
; CURRENT APPLICATION NUMBER: US/09/935,794
; PRIOR FILING DATE: 2001-08-22
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR FILING DATE: 1999-08-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-935-794-3

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 639 GTCAATCAGCAGGAATCATCGG 660
Db 1 GTCAATCAGCAGGAATCATCGG 22

RESULT 108

US-09-526-193A-275/c
; Sequence 275, Application US/09526193A
; Patent No. 6617122
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002005
; CURRENT APPLICATION NUMBER: US/09/526,193A
; CURRENT FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 275
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-275

Query Match 0.9%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 2.5e+02;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2188 TTCTCCTGCTCAGCCTCCCAA 2209
Db 22 TTCTCCTGCTCAGCCTCCCAA 1

RESULT 109


```
US-09-304-232-181/c
; Sequence 181, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 181
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: APOC3 1736
; US-09-304-232-181

Query Match 0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2349 TGGGATTACAGCATGACGCCACG 2372
Db 29 TGGGATTACAGCAYGACCCACTG 6

RESULT 110
US-09-304-232-509
; Sequence 509, Application US/09304232
; Patent No. 6525185
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chakravarti, Aravinda
; APPLICANT: Halushka, Marc Kenneth
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Hypertension
; FILE REFERENCE: 018547-034210US
; CURRENT APPLICATION NUMBER: US/09/304,232
; CURRENT FILING DATE: 1999-05-03
; EARLIER APPLICATION NUMBER: US 60/084,641
; EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 509
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: GLUT4EX11 884
; US-09-304-232-509

Query Match 0.9%; Score 22; DB 1; Length 29;
Best Local Similarity 91.7%; Pred. No. 2.3e+02;
Matches 22; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 2231 TGCACACACACCTGGCTAAATTTT 2254
Db 6 TGCACACACCTGGCTAAATTTAT 29

RESULT 111
US-09-155-758-8
; Sequence 8, Application US/09155758
; Patent No. 6165711
; GENERAL INFORMATION:
; APPLICANT: DORNER, Friedrich
; APPLICANT: BARRETT, No. 61657111
; APPLICANT: EIBL, Johann
; TITLE OF INVENTION: PROCESS FOR DISINTEGRATING NUCLEIC ACIDS
; TITLE OF INVENTION: AND PREPARING BIOLOGICAL PRODUCTS OF GUARANTEED QUALITY
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FOLEY & LARDNER
; STREET: 3000 K Street, N.W.
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20007-5109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,758
; FILING DATE: 18-NOV-1998
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: WO PCT/AT97/00068
; FILING DATE: 08-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: AT A 629/96
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: ISACSON, John P.
; REGISTRATION NUMBER: 33,715
; REFERENCE/DOCKET NUMBER: 040433/0170
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 672-5300
; TELEFAX: (202) 672-5399
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
; US-09-155-758-8

Query Match 0.9%; Score 21.6; DB 1; Length 28;
Best Local Similarity 85.7%; Pred. No. 2.4e+02;
Matches 24; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2100 GAGACGAGCTCTGCTCTCTTACCCAGG 2127
Db 1 GAGACAGAGCTCGCTCTCTGCGCCAGG 28

RESULT 112
US-08-849-701-11/c
; Sequence 11, Application US/08849701
; Patent No. 5922544
; GENERAL INFORMATION:
; APPLICANT: Miyai, Kiyoshi
; APPLICANT: Naitoh, Tsutomu
; APPLICANT: Yonekawa, Toshihiro
; TITLE OF INVENTION: Method of Cell Detection
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
```

;/ ZIP: 92660
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: Diskette
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: DOS
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/849,701
;/ FILING DATE:
;/ CLASSIFICATION: 435
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: PCT/JP95/02734
;/ FILING DATE: 27-DEC-1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Altman, Daniel E
;/ REGISTRATION NUMBER: 34,115
;/ REFERENCE/DOCKET NUMBER: EIKEN1.001APC
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 714-760-0404
;/ TELEFAX: 714-760-9502
;/ TELEX:
;/ INFORMATION FOR SEQ ID NO: 11:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 23 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-849-701-11

Query Match 0.9%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTGTGGATTAC 2357
DB 23 GCCTCCCAAGTGTGGATTAC 1

RESULT 113
US-08-781-891-30/c
; Sequence 30, Application US/08781891
; Patent No. 6090620
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781.891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6090620tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900

;/ TELEFAX: (206) 682-6031
;/ INFORMATION FOR SEQ ID NO: 30:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 23 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-781-891-30

Query Match 0.9%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGATTACA 2358
DB 23 CCTCCCAAGTGTGGATTACA 1

RESULT 114
US-09-618-166-30/c
; Sequence 30, Application US/09618166
; Patent No. 6583112
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/618,166
; FILING DATE: 17-Jul-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 240052.419C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 30:
; US-09-618-166-30

Query Match 0.9%; Score 21.4; DB 1; Length 23;
Best Local Similarity 95.7%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTGTGGATTACA 2358
DB 23 CCTCCCAAGTGTGGATTACA 1

RESULT 115

```
US-09-632-657-25
; Sequence 25, Application US/09632657
; Patent No. 6730476
; GENERAL INFORMATION:
; APPLICANT: DUFF, GORDON
; APPLICANT: KORNMAN, KENNETH
; APPLICANT: VAN DIJK, SIMON
; TITLE OF INVENTION: DIAGNOSTICS AND THERAPEUTICS FOR EARLY-ONSET MENOPAUSE
; FILE REFERENCE: MSA-012.01
; CURRENT APPLICATION NUMBER: US/09/632,657
; CURRENT FILING DATE: 2000-08-04
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-632-657-25

Query Match          0.9%; Score 21.4; DB 1; Length 25;
Best Local Similarity 95.7%; Pred. No. 2.6e+02;
Matches 22; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2350 GGGATTACAGCGATGAGCCACCG 2372
      |||||
Db 1 GGGATTACAGCGATGAGCCACCG 23

RESULT 116
US-08-753-147-28/c
; Sequence 28, Application US/08753147
; Patent No. 5770372
; GENERAL INFORMATION:
; APPLICANT: Concannon, Patrick
; TITLE OF INVENTION: Detection of Mutations in the Human ATM Gene
; NUMBER OF SEQUENCES: 196
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Christensen O'Connor Johnson and Kindness
; STREET: 1420 5th Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98101-2347
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/753,147
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sheiness, Diana K.
; REGISTRATION NUMBER: 35,356
; REFERENCE/DOCKET NUMBER: VMRC-1-9714
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 743-4387
; TELEFAX: (206) 224 0779
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORGANISM: Homo sapiens
```

```
US-08-753-147-28

Query Match          0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGCTGGAGTGCAGTGGG 2142
      |||||
Db 21 CCCAGCTGGAGTGCAGTGGG 1

RESULT 117
US-09-073-567-22
; Sequence 22, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; US-09-073-567-22

Query Match          0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1007 AGGTGATTGGTTGGATCAGGA 1027
      |||||
Db 1 AGGTGATTGGTTGGATCAGGA 21

RESULT 118
US-09-073-567-44/c
; Sequence 44, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
```

NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073.567
FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 44:

SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-073-567-44

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1007 AGGTGATTGGTTGGATCAGGA 1027
Db 21 AGGTGATTGGTTGGATCAGGA 1

RESULT 119

US-09-280-805-269
Sequence 269, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett F. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280.805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048.810
FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 269:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-269

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GGCAAAATGTGCAATACCAACA 327
Db 1 GGCAAAATGTGCAATACCAACA 21

RESULT 120

US-09-540-699-21/c
Sequence 21, Application US/09540699
Patent No. 6383752
GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir
APPLICANT: Kandimala, Ekambar R.
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
FILE REFERENCE: 99,128-B
CURRENT APPLICATION NUMBER: US/09/540,699
CURRENT FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: US 60/127,138
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: US 60/174,642
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 21
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: MDM2 mRNA
OTHER INFORMATION: reverse primer-2; +415 to +435.
US-09-540-699-21

Query Match 0.9%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 2.8e+02;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 726 GTACAAGAGCTTCAGGAAGAG 746
Db 21 GTACAAGAGCTTCAGGAAGAG 1

RESULT 121

US-09-687-637B-18/c
Sequence 18, Application US/09687637B
Patent No. 6610285
GENERAL INFORMATION:
APPLICANT: Hirata, Yuichi
TITLE OF INVENTION: CYTOKINE-LIKE PROTEINS THAT PROMOTE CELL PROLIFERATION
FILE REFERENCE: 06501-067001
CURRENT APPLICATION NUMBER: US/09/687,637B
CURRENT FILING DATE: 2000-10-13
PRIOR APPLICATION NUMBER: PCT/JP99/01997
PRIOR FILING DATE: 1999-04-14
PRIOR APPLICATION NUMBER: JP 10/121805

; PRIOR FILING DATE: 1998-04-14
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially synthesized primer sequence
US-09-687-637B-18

Query Match 0.9%; Score 20.8; DB 1; Length 27;
Best Local Similarity 91.7%; Pred. No. 2.7e+02;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2192 CCTGCCTCAGCTCCCAATTAGCT 2215
|||||
Db 27 CCTGCCTCAGCTCCCAAGCAGCT 4

RESULT 122

US-09-657-472-503

; Sequence 503; Application US/09657472

; Patent No. 6727063

; GENERAL INFORMATION:

; APPLICANT: Lander, Eric S.

; APPLICANT: Cargill, Michele

; APPLICANT: Ireland, James S.

; APPLICANT: Bolk, Stacey

; APPLICANT: Daley, George Q.

; APPLICANT: McCarthy, Jeanette J.

; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES

; FILE REFERENCE: 2825.1027-001

; CURRENT APPLICATION NUMBER: US/09/657,472

; CURRENT FILING DATE: 2000-09-07

; PRIOR APPLICATION NUMBER: US 60/153,357

; PRIOR FILING DATE: 1999-09-10

; PRIOR APPLICATION NUMBER: US 60/220,947

; PRIOR FILING DATE: 2000-07-26

; PRIOR APPLICATION NUMBER: US 60/225,724

; PRIOR FILING DATE: 2000-08-16

; NUMBER OF SEQ ID NOS: 2551

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 503

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-657-472-503

Query Match 0.9%; Score 20.6; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 3e+02;
Matches 20; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2336 CCTCCCAAGTCTGGGATTA 2356
|||||

Db 1 CCTCCCAAGTCTGGGATTA 21

RESULT 123

US-09-918-686-90/c

; Sequence 90; Application US/09918686

; Patent No. 6475739

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary

; APPLICANT: Prohl, Sean

; APPLICANT: Paepel, Bryan

; APPLICANT: Staehling-Hampton, Karen

; TITLE OF INVENTION: METHODS FOR IDENTIFYING

; TITLE OF INVENTION: GENOMIC DELETIONS

; FILE REFERENCE: 240083.515

; CURRENT APPLICATION NUMBER: US/09/918,686

; CURRENT FILING DATE: 2001-07-30

; NUMBER OF SEQ ID NOS: 105

; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 90
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-90

Query Match 0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCTCCCA 2208
|||||

Db 22 ATTCTCTGCCTCAGCTCCCA 1

RESULT 124

US-09-918-686-94/c

; Sequence 94; Application US/09918686

; Patent No. 6475739

; GENERAL INFORMATION:

; APPLICANT: Brunkow, Mary

; APPLICANT: Prohl, Sean

; APPLICANT: Paepel, Bryan

; APPLICANT: Staehling-Hampton, Karen

; TITLE OF INVENTION: METHODS FOR IDENTIFYING

; TITLE OF INVENTION: GENOMIC DELETIONS

; FILE REFERENCE: 240083.515

; CURRENT APPLICATION NUMBER: US/09/918,686

; CURRENT FILING DATE: 2001-07-30

; NUMBER OF SEQ ID NOS: 105

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 94

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR primer

US-09-918-686-94

Query Match 0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCTCCCA 2208
|||||

Db 22 ATTCTCTGCCTCAGCTCCCA 1

RESULT 125

US-09-526-193A-274/c

; Sequence 274; Application US/09526193A

; Patent No. 6617122

; GENERAL INFORMATION:

; APPLICANT: Hayden, Michael R.

; APPLICANT: Brooks-Wilson, Angela R.

; APPLICANT: Fimstone, Simon N.

; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING

; TITLE OF INVENTION: CHOLESTEROL LEVELS

; FILE REFERENCE: 50110/002005

; CURRENT APPLICATION NUMBER: US/09/526,193A

; CURRENT FILING DATE: 2000-03-15

; PRIOR APPLICATION NUMBER: 60/124,702

; PRIOR FILING DATE: 1999-03-15

; PRIOR APPLICATION NUMBER: 60/138,048

; PRIOR FILING DATE: 1999-06-08

; PRIOR APPLICATION NUMBER: 60/139,600

; PRIOR FILING DATE: 1999-06-17

; PRIOR APPLICATION NUMBER: 60/151,977

; PRIOR FILING DATE: 1999-09-01

; NUMBER OF SEQ ID NOS: 287

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; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 274
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-526-193A-274

Query Match          0.8%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2188 TTCTCTGCTCAGCTCCCAA 2209
DB 22 TTCTCTGCTTAGCTCCCAA 1

RESULT 126
US-09-073-567-2
; Sequence 2, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-3

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 695 CCTTGAAGTGGGAGTGATC 714
DB 1 CCTTGAAGTGGGAGTGATC 20

RESULT 128
US-09-073-567-4
; Sequence 4, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 481 TTGGCCAGTATATTATGACT 500
DB 1 TTGGCCAGTATATTATGACT 20

RESULT 127
US-09-073-567-3
; Sequence 3, Application US/09073567
; Patent No. 6013786
```

/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Greenfield, Michael S.
/ REGISTRATION NUMBER: 37,147
/ REFERENCE/DOCKET NUMBER: 98,057-A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 913-0001
/ TELEFAX: (312) 913-0002
/ INFORMATION FOR SEQ ID NO: 4:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: nucleic acid
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-09-073-567-4

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGGATTCAGTTTCA 1037
|||||
DB 1 TGGATCAGGATTCAGTTTCA 20

RESULT 129
US-09-073-567-7
/ Sequence 7, Application US/09073567
/ Patent No. 6013786
/ GENERAL INFORMATION:
/ APPLICANT: Jiandong Chen
/ APPLICANT: Sudhir Agrawal
/ APPLICANT: Ruiwen Zhang
/ TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ NUMBER OF SEQUENCES: 49
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
/ STREET: 300 South Wacker Drive, 32nd Floor
/ CITY: Chicago
/ STATE: IL
/ COUNTRY: United States of America
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Microsoft Word 97
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/073,567
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Greenfield, Michael S.
/ REGISTRATION NUMBER: 37,147
/ REFERENCE/DOCKET NUMBER: 98,057-A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 913-0001
/ TELEFAX: (312) 913-0002
/ INFORMATION FOR SEQ ID NO: 7:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: nucleic acid
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-09-073-567-7

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 357 ACCTACAGATTCGAGCTTC 376
|||||
DB 1 ACCTACAGATTCGAGCTTC 20

RESULT 130
US-09-073-567-8
/ Sequence 8, Application US/09073567
/ Patent No. 6013786
/ GENERAL INFORMATION:
/ APPLICANT: Jiandong Chen
/ APPLICANT: Sudhir Agrawal
/ APPLICANT: Ruiwen Zhang
/ TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ NUMBER OF SEQUENCES: 49
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
/ STREET: 300 South Wacker Drive, 32nd Floor
/ CITY: Chicago
/ STATE: IL
/ COUNTRY: United States of America
/ ZIP: 60606
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Microsoft Word 97
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/073,567
/ FILING DATE:
/ CLASSIFICATION:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Greenfield, Michael S.
/ REGISTRATION NUMBER: 37,147
/ REFERENCE/DOCKET NUMBER: 98,057-A
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (312) 913-0001
/ TELEFAX: (312) 913-0002
/ INFORMATION FOR SEQ ID NO: 8:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: both
/ TOPOLOGY: linear
/ MOLECULE TYPE: nucleic acid
/ HYPOTHETICAL: NO
/ ANTI-SENSE: NO
/ US-09-073-567-8

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAGAGAC 388
|||||
DB 1 CCAGCTTCGGAACAGAGAC 20

RESULT 131
US-09-073-567-9
/ Sequence 9, Application US/09073567
/ Patent No. 6013786
/ GENERAL INFORMATION:
/ APPLICANT: Jiandong Chen
/ APPLICANT: Sudhir Agrawal
/ APPLICANT: Ruiwen Zhang
/ TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
/ NUMBER OF SEQUENCES: 49
/ CORRESPONDENCE ADDRESS:
/ US-09-073-567-9

ADDRESSER: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073.567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-9

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAAGG 799
Db 1 TCTACCTCATCTAGAAGG 20

RESULT 132
US-09-073-567-10
Sequence 10, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSER: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073.567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:

TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-10

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1203 TCCTTAGCTGACTATTGGAA 1222
Db 1 TCCTTAGCTGACTATTGGAA 20

RESULT 133
US-09-073-567-11
Sequence 11, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSER: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073.567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGAATCC 1249
Db 1 TCATGCAATGAATGAATCC 20


```
RESULT 134
US-09-073-567-13
; Sequence 13, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 669 ACATCTGTGAGTGAGAACAG 688
Db 1 ACATCTGTGAGTGAGAACAG 20

RESULT 135
US-09-073-567-14
; Sequence 14, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
```

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; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 675 GTGAGTGAGAACAGGTGTCA 694
Db 1 GTGAGTGAGAACAGGTGTCA 20

RESULT 136
US-09-073-567-15
; Sequence 15, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
```

;
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-15

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 680 TGGAACAGGTGTACCTTG 699
DB 1 TGGAACAGGTGTACCTTG 20

RESULT 137

US-09-073-567-16
; Sequence 16, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-16

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 ACAGGTGTACCTTGAAGGT 704
DB 1 ACAGGTGTACCTTGAAGGT 20

RESULT 138

US-09-073-567-17
; Sequence 17, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:

;
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-073-567-17

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGATCAAGGACC 723
DB 1 TGGAGTGATCAAGGACC 20

RESULT 139

US-09-073-567-18
; Sequence 18, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:

CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 709 GTGATCAAAAGGACCTTGTA 728
Db 1 GTGATCAAAAGGACCTTGTA 20

RESULT 140
US-09-073-567-19
Sequence 19, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiaodong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-19

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 717 AAGGACCTTGTTACAGAGCT 736
Db 1 AAGGACCTTGTTACAGAGCT 20

RESULT 141
US-09-073-567-20
Sequence 20, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiaodong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-20

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 998 TGAACATTCAGGTGATTGCT 1017
Db 1 TGAACATTCAGGTGATTGCT 20

RESULT 142
US-09-073-567-21
Sequence 21, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiaodong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff

STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 ATTGAGTGGATTGGTGGAT 1022
|||||
Db 1 ATTGAGTGGATTGGTGGAT 20

RESULT 143
US-09-073-567-23
Sequence 23, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001

TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-23

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1027 ATTGAGTTTCAGATCAGTTT 1046
|||||
Db 1 ATTGAGTTTCAGATCAGTTT 20

RESULT 144
US-09-073-567-24
Sequence 24, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-09-073-567-24

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGTAGAATT 1057
|||||
Db 1 GATCAGTTTAGTGTAGAATT 20

RESULT 145

US-09-073-567-27/c
; Sequence 27, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-27

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 481 TTGCCAGTATATTATGACT 500

Db 20 TTGCCAGTATATTATGACT 1

RESULT 146

US-09-073-567-28/c
; Sequence 28, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-28

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 695 CCTTGAAGTGGAGTGATC 714

Db 20 CCTTGAAGTGGAGTGATC 1

RESULT 147

US-09-073-567-29/c
; Sequence 29, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear

; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-29

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1018 TGGATCAGAGTTCAGTTCA 1037
DB 20 TGGATCAGAGTTCAGTTCA 1

RESULT 148

US-09-073-567-30/c
; Sequence 30, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-30

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 357 ACCTCAGAGTTCAGTTTC 376
DB 20 ACCTCAGAGTTCAGTTTC 1

RESULT 149

US-09-073-567-31/c
; Sequence 31, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen

; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-31

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 369 CCAGCTTCGGAACAAGAGAC 388
DB 20 CCAGCTTCGGAACAAGAGAC 1

RESULT 150

US-09-073-567-32/c
; Sequence 32, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 32:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-073-567-32

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 780 TCTACCTCATCTAGAGGAG 799
Db 20 TCTACCTCATCTAGAGGAG 1

RESULT 151
US-09-073-567-33/c
Sequence 33, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-073-567-33

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1203 TCCTTAGCTGACTATTGGAA 1222
Db 20 TCCTTAGCTGACTATTGGAA 1

RESULT 152
US-09-073-567-34/c
Sequence 34, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor
CITY: Chicago
STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073,567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELECOMMUNICATION INFORMATION:
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 34:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-073-567-34

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1230 TCATGCAATGAATGAATCC 1249
Db 20 TCATGCAATGAATGAATCC 1

RESULT 153
US-09-073-567-35/c
Sequence 35, Application US/09073567
Patent No. 6013786
GENERAL INFORMATION:
APPLICANT: Jiandong Chen
APPLICANT: Sudhir Agrawal
APPLICANT: Ruiwen Zhang
TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
NUMBER OF SEQUENCES: 49
CORRESPONDENCE ADDRESS:
ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
STREET: 300 South Wacker Drive, 32nd Floor

```
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
;
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
; US-09-073-567-35
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 669 ACATCTGTGAGTGAGAACAG 688
; Db 20 ACATCTGTGAGTGAGAACAG 1
;
; RESULT 154
; US-09-073-567-36/c
; Sequence 36, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
;
; US-09-073-567-36
```

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; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
; US-09-073-567-36
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 675 GTGAGTGAGAACAGGTGTCA 694
; Db 20 GTGAGTGAGAACAGGTGTCA 1
;
; RESULT 155
; US-09-073-567-37/c
; Sequence 37, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
;
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
;
; US-09-073-567-37
;
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
; QY 680 TGAGAACAGGTGTCACTTG 699
; Db 20 TGAGAACAGGTGTCACTTG 1
;
; RESULT 156
; US-09-073-567-38/c
; Sequence 38, Application US/09073568
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,568
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,058-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
;
; US-09-073-567-38
```



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RESULT 156
US-09-073-567-38/c
; Sequence 38, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-38
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 685 ACAGGTGTCACCTTGAAGGT 704
| | | | | | | | | | | | | | | |
Db 20 ACAGGTGTCACCTTGAAGGT 1

RESULT 157
US-09-073-567-39/c
; Sequence 39, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-39
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

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; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-39
; Query Match 0.8%; Score 20; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 3.3e+02;
; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TCGGAGTGATCAAAAGGACC 723
| | | | | | | | | | | | | | | |
Db 20 TCGGAGTGATCAAAAGGACC 1

RESULT 158
US-09-073-567-40/c
; Sequence 40, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
```

;
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-40

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 709 GTGATCAAAAGGACCTTGTA 728
|||||
Db 20 GTGATCAAAAGGACCTTGTA 1

RESULT 159

US-09-073-567-41/c
; Sequence 41, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-41

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 717 AAGGACCTTGATCAAGAGCT 736
|||||
Db 20 AAGGACCTTGATCAAGAGCT 1

RESULT 160

US-09-073-567-42/c
; Sequence 42, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal

;
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-42

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 998 TGAACATTCAGGTGATTGGT 1017
|||||
Db 20 TGAACATTCAGGTGATTGGT 1

RESULT 161

US-09-073-567-43/c
; Sequence 43, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-43

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 ATTACGATGTTGTTGGAT 1022
DB 20 ATTACGATGTTGTTGGAT 1

RESULT 162
US-09-073-567-45/c
; Sequence 45, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-45

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1027 ATTACGTTTCAGATCAGTTT 1046
DB 20 ATTACGTTTCAGATCAGTTT 1

RESULT 163
US-09-073-567-46/c
; Sequence 46, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
US-09-073-567-46

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1038 GATCAGTTTAGTGTAGATT 1057
DB 20 GATCAGTTTAGTGTAGATT 1

RESULT 164
US-09-073-567-47/c
; Sequence 47, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiaodong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boehnen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago

STATE: IL
COUNTRY: United States of America
ZIP: 60606
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/073.567
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Greenfield, Michael S.
REGISTRATION NUMBER: 37,147
REFERENCE/DOCKET NUMBER: 98,057-A
TELEPHONE: (312) 913-0001
TELEFAX: (312) 913-0002
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: linear
MOLECULE TYPE: nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: YES
US-09-073-567-47

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAACAGGTGTCA 694
|||||
DB 20 GTGAGTGAACAGGTGTCA 1

RESULT 165
US-09-280-805-3/c
Sequence 3, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-4

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCTGTGTGTCGGAAGA 56
|||||
DB 20 GGCCTGTGTGTCGGAAGA 1

TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-3

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCACCGCGAGCTTGCTG 20
|||||
DB 20 GCACCGCGAGCTTGCTG 1

RESULT 166
US-09-280-805-4/c
Sequence 4, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-4

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCTGTGTGTCGGAAGA 56
|||||
DB 20 GGCCTGTGTGTCGGAAGA 1

RESULT 167

US-09-280-805-5/c
 ; Sequence 5, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 5:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-5

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 CTCTGACCGAGATCCTGCTG 114
 |||||
 Db 20 CTCTGACCGAGATCCTGCTG 1

RESULT 168

US-09-280-805-6/c
 ; Sequence 6, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 6:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-6

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGCCTAGAGCGCCC 166
 |||||
 Db 20 ATTAGTGCCTAGAGCGCCC 1

RESULT 169

US-09-280-805-7/c
 ; Sequence 7, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 7:

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-7

```

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02; Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 181 GAGAGTGAATGATCCCGA 200
    |||||
Db 20 GAGAGTGAATGATCCCGA 1

```

RESULT 170

US-09-280-805-8/c

; Sequence 8, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 8:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-8

Query Match

0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 273 CTCCAAGCGGAAACCCCG 292
    |||||
Db 20 CTCCAAGCGGAAACCCCG 1

```

RESULT 171

US-09-280-805-9/c

; Sequence 9, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-9

Query Match

0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 295 TGGTGAGGAGCAGGCAATG 314
    |||||
Db 20 TGGTGAGGAGCAGGCAATG 1

```

RESULT 172

US-09-280-805-10/c

; Sequence 10, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

```

; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-10

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 303 AGCAGGCAATGTGCAATAC 322
Db 20 AGCAGGCAATGTGCAATAC 1

```

```

RESULT 173
US-09-280-805-11/c
; Sequence 11, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid

```

```

; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-11

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 331 CTGTACTACTGATGTGCT 350
Db 20 CTGTACTACTGATGTGCT 1

```

```

RESULT 174
US-09-280-805-12/c
; Sequence 12, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-12

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 617 GATCTACAGGAACCTTGCTAG 636
Db 20 GATCTACAGGAACCTTGCTAG 1

```

```

RESULT 175
US-09-280-805-13/c
; Sequence 13, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:

```

;; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
;; APPLICANT: Graham, Brett P. Monia
;; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
;; NUMBER OF SEQUENCES: 271
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 66 East Main Street
;; CITY: Marlton
;; STATE: NJ
;; COUNTRY: U.S.A.
;; ZIP: 08053
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PC
;; OPERATING SYSTEM: WINDOWS 95
;; SOFTWARE: WORDPERFECT 6.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/280,805
;; FILING DATE: herewith
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/048,810
;; FILING DATE: March 26, 1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-280-805-13

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1047 AGTGTAGAAATTGAAGTTGA 1066
Db ||||||||||||||||
20 AGTGTAGAAATTGAAGTTGA 1

RESULT 176
US-09-280-805-14/c
; Sequence 14, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805

;; FILING DATE: herewith
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 09/048,810
;; FILING DATE: March 26, 1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Licata, Jane Massey
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0346
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 609-810-1515
;; TELEFAX: 609-810-1454
;; INFORMATION FOR SEQ ID NO: 14:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 base pairs
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-09-280-805-14

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1381 TTGATGTTCTGATTGTAAA 1400
Db ||||||||||||||||
20 TTGATGTTCTGATTGTAAA 1

RESULT 177
US-09-280-805-15/c
; Sequence 15, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

US-09-280-805-15

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTACATGTGCAAGAAGCT 1714
 |||||
 DB 20 TTACATGTGCAAGAAGCT 1

RESULT 178

US-09-280-805-16/c
 ; Sequence 16, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 16:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; FILING DATE: herewith

US-09-280-805-16

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795
 |||||
 DB 20 TATTTCCCTAGTTGACCTG 1

RESULT 179

US-09-280-805-17/c
 ; Sequence 17, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 17:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; FILING DATE: herewith

US-09-280-805-17

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1785 TAGTTGACCTGTCTATAAGA 1804
 |||||
 DB 20 TAGTTGACCTGTCTATAAGA 1

RESULT 180

US-09-280-805-18/c
 ; Sequence 18, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCCCTAGGA 1837
DB 20 CTAACCTATATACCCCTAGGA 1

RESULT 181
US-09-280-805-19/c
Sequence 19, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-19

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1934 TAGTGAATAGTAGTAATCTT 1953
DB 20 TAGTGAATAGTAGTAATCTT 1
RESULT 182
US-09-280-805-20/c
Sequence 20, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-20

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2132 AGTGCACTGGGTGATCTTGG 2151
DB 20 AGTGCACTGGGTGATCTTGG 1

RESULT 183
US-09-280-805-21/c
Sequence 21, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-21

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2224 AGTCATCTGCCACCACCT 2243
Db 20 AGTCATCTGCCACCACCT 1

```

```

RESULT 184
US-09-280-805-22/c
; Sequence 22, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-22

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 2256 GTACTTTTAGTAGACAGG 2275
Db 20 GTACTTTTAGTAGACAGG 1

```

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RESULT 185
US-09-280-805-25/c
; Sequence 25, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-25

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```


TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 35:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-35

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 GCTTCTGGGCGCTGTGGC 39
 |||||
 Db 20 GCTTCTGGGCGCTGTGGC 1

RESULT 189

US-09-280-805-36/c
 Sequence 36, Application US/09280805
 Patent No. 6184212
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-36

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 29 GCCTGTGTGGCCCTGTGTGT 48
 |||||
 Db 20 GCCTGTGTGGCCCTGTGTGT 1

RESULT 190

US-09-280-805-37/c
 Sequence 37, Application US/09280805
 Patent No. 6184212
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 37:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-37

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 34 TGTGGCCCTGTGTGTGGAA 53
 |||||
 Db 20 TGTGGCCCTGTGTGTGGAA 1

RESULT 191

US-09-280-805-38/c
 Sequence 38, Application US/09280805
 Patent No. 6184212
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-38

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 43 GTGTGTCGGAAGATGGAGC 62
DB 20 GTGTGTCGGAAGATGGAGC 1

RESULT 192
US-09-280-805-39/c
Sequence 39, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-39

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 50 GGAAGATGGAGCAAGAGC 69
DB 20 GGAAGATGGAGCAAGAGC 1

RESULT 193
US-09-280-805-40/c
Sequence 40, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-40

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 CAGAGCCGAGCCGAGGG 81
DB 20 CAGAGCCGAGCCGAGGG 1

RESULT 194

```

US-09-280-805-41/c
; Sequence 41, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 41:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-41

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 70 CGAGCCCGAGGGCGGCCGC 89
Db 20 CGAGCCCGAGGGCGGCCGC 1

```

```

RESULT 195
US-09-280-805-42/c
; Sequence 42, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC

```

```

; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 42:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-42

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 98 TGACCGAGATCTGCTGCTT 117
Db 20 TGACCGAGATCTGCTGCTT 1

```

```

RESULT 196
US-09-280-805-43/c
; Sequence 43, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-43

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 GATCTGCTGCTTTCGAGC 124
    |||||
Db 20 GATCTGCTGCTTTCGAGC 1

RESULT 197
US-09-280-805-44/c
; Sequence 44, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-45

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCACCCTCCC 139
    |||||
Db 20 GCAGCCAGGAGCACCCTCCC 1

RESULT 199
US-09-280-805-46/c
; Sequence 46, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09280805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-44

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 113 TGCTTTCGAGCCAGGAGCA 132
    |||||
Db 20 TGCTTTCGAGCCAGGAGCA 1

RESULT 198
US-09-280-805-45/c
; Sequence 45, Application US/09280805
; Patent No. 6184212

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-45

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 120 GCAGCCAGGAGCACCCTCCC 139
    |||||
Db 20 GCAGCCAGGAGCACCCTCCC 1

RESULT 199
US-09-280-805-46/c
; Sequence 46, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

```



```

; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 46:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-46

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 150 AGTGGGTACGAGCGCCAGT 169
|||||
Db 20 AGTGGGTACGAGCGCCAGT 1

```

```

RESULT 200
US-09-280-805-47/c
; Sequence 47, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 47:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

```

```

; ANTI-SENSE: Yes
; US-09-280-805-47
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 158 CGAGCGCCCGAGTGCCTGGC 177
|||||
Db 20 CGAGCGCCCGAGTGCCTGGC 1

```

```

RESULT 201
US-09-280-805-48/c
; Sequence 48, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 48:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-48

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 165 CCAGTGCCTGGCCCGGAGA 184
|||||
Db 20 CCAGTGCCTGGCCCGGAGA 1

```

```

RESULT 202
US-09-280-805-49/c
; Sequence 49, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 49:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-49

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 174 TGGCCCGGAGGTGAATGA 193
Db 20 TGGCCCGGAGGTGAATGA 1

```

```

RESULT 203
US-09-280-805-50/c
; Sequence 50, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-50

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy 202 GCCCAGGGCGTGTGCTTCC 221
Db 20 GCCCAGGGCGTGTGCTTCC 1

```

```

RESULT 204
US-09-280-805-51/c
; Sequence 51, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-51

```

```
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 208 GCGTGTGCTTCGCGAGTA 227
DB 20 GCGTGTGCTTCGCGAGTA 1

RESULT 205
US-09-280-805-52/c
; Sequence 52, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-52

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 217 CTTCCGCGAGTAGTCAGTCCC 236
DB 20 CTTCCGCGAGTAGTCAGTCCC 1

RESULT 206
US-09-280-805-53/c
; Sequence 53, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 52:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-52

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 AGGAAACTGGGAGTCTTGA 261
DB 20 AGGAAACTGGGAGTCTTGA 1

RESULT 207
US-09-280-805-54/c
; Sequence 54, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 53:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-53

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 242 AGGAAACTGGGAGTCTTGA 261
DB 20 AGGAAACTGGGAGTCTTGA 1
```


;/ CITY: Marlton
;/ STATE: NJ
;/ COUNTRY: U.S.A.
;/ ZIP: 08053
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;/ OPERATING SYSTEM: WINDOWS 95
;/ SOFTWARE: WORDPERFECT 6.0
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/09/280,805
;/ FILING DATE: herewith
;/ CLASSIFICATION:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 09/048,810
;/ FILING DATE: March 26, 1998
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Licata, Jane Massey
;/ REGISTRATION NUMBER: 32,257
;/ REFERENCE/DOCKET NUMBER: ISPH-0346
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 609-810-1515
;/ TELEFAX: 609-810-1454
;/ INFORMATION FOR SEQ ID NO: 57:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 base pairs
;/ TYPE: Nucleic Acid
;/ STRANDEDNESS: Single
;/ TOPOLOGY: Linear
;/ ANTI-SENSE: Yes
;/ US-09-280-805-57

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 296 GTGAGGAGCAGCAATGT 315
Db |||||||

RESULT 211
US-09-280-805-58/c
; Sequence 58, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257

;/ REFERENCE/DOCKET NUMBER: ISPH-0346
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 609-810-1515
;/ TELEFAX: 609-810-1454
;/ INFORMATION FOR SEQ ID NO: 58:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 base pairs
;/ TYPE: Nucleic Acid
;/ STRANDEDNESS: Single
;/ TOPOLOGY: Linear
;/ ANTI-SENSE: Yes
;/ US-09-280-805-58

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 297 GTGAGGAGCAGCAATGTG 316
Db |||||||

RESULT 212
US-09-280-805-59/c
; Sequence 59, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-59

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 298 TGAGGAGCAGCAATGTGC 317
Db |||||||

RESULT 213
US-09-280-805-60/c
; Sequence 60, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-60

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 TGAGGAGCAGCAATGTGC 318
Db |||||||

Db 20 TGAGGAGCAGCAAAATGTGC 1

RESULT 213

US-09-280-805-60/c
; Sequence 60, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-60

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 299 GAGGAGCAGCAAAATGTGCA 318

Db 20 GAGGAGCAGCAAAATGTGCA 1

RESULT 214

US-09-280-805-61/c
; Sequence 61, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.

ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-61

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 300 AGGAGCAGCAAAATGTGCAA 319

Db 20 AGGAGCAGCAAAATGTGCAA 1

RESULT 215

US-09-280-805-62/c
; Sequence 62, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 62:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-62

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 301 GGAGCAGGCAAAATGTGCAAT 320
 |||||
 Db 20 GGAGCAGGCAAAATGTGCAAT 1

RESULT 216

US-09-280-805-63/c
 Sequence 63, Application US/09280805
 Patent No. 6184212

GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 63:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-63

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 302 GAGCAGGCAAAATGTGCAATA 321
 |||||
 Db 20 GAGCAGGCAAAATGTGCAATA 1

RESULT 217

US-09-280-805-64/c
 Sequence 64, Application US/09280805
 Patent No. 6184212

GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith

CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 64:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-64

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 304 GCAGGCAAAATGTGCAATACC 323
 |||||
 Db 20 GCAGGCAAAATGTGCAATACC 1

RESULT 218

US-09-280-805-65/c
 Sequence 65, Application US/09280805
 Patent No. 6184212

GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

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;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 65:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-65

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 CAGGCAATGTGCAATACCA 324
DB 20 CAGGCAATGTGCAATACCA 1

RESULT 219
US-09-280-805-66/c
; Sequence 66, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-67

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 305 CAGGCAATGTGCAATACCA 326
DB 20 CAGGCAATGTGCAATACCA 1

RESULT 221
US-09-280-805-68/c
; Sequence 68, Application US/09280805
```

```
;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-66

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 306 AGGCAATGTGCAATACCA 325
DB 20 AGGCAATGTGCAATACCA 1

RESULT 220
US-09-280-805-67/c
; Sequence 67, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 67:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-67

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 307 GCGCAATGTGCAATACCA 326
DB 20 GCGCAATGTGCAATACCA 1

RESULT 221
US-09-280-805-68/c
; Sequence 68, Application US/09280805
```



```

; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-68

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 308 GCAATGTGCAATACCAACA 327
Db 20 GCAATGTGCAATACCAACA 1

```

```

RESULT 222
US-09-280-805-69/c
; Sequence 69, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-69

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 309 CAAATGTGCAATACCAACAT 328
Db 20 CAAATGTGCAATACCAACAT 1

```

```

RESULT 223
US-09-280-805-70/c
; Sequence 70, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-70

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 310 AATGTGCAATACCAATG 329
DB 20 AATGTGCAATACCAATG 1

RESULT 224
US-09-280-805-71/c
; Sequence 71, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 72:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-72

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 312 ATGTGCAATACCAATGTC 331
DB 20 ATGTGCAATACCAATGTC 1

RESULT 226
US-09-280-805-73/c
; Sequence 73, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 71:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-71

Query Match
Best Local Similarity 100.0%; DB 1; Length 20;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 311 AATGTGCAATACCAATGTC 330
DB 20 AATGTGCAATACCAATGTC 1

RESULT 225
US-09-280-805-72/c
; Sequence 72, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 73:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-73

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 313 TGTGCAATACCAACATGCT 332
    |||||
Db 20 TGTGCAATACCAACATGCT 1

```

```

RESULT 227
US-09-280-805-74/c
; Sequence 74, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 74:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-74

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 314 GTGCAATACCAACATGCTG 333
    |||||
Db 20 GTGCAATACCAACATGCTG 1

```

```

RESULT 228
US-09-280-805-75/c
; Sequence 75, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 75:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-75

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 323 CAACATGCTGTACTACTG 342
    |||||
Db 20 CAACATGCTGTACTACTG 1

```

```

RESULT 229
US-09-280-805-76/c
; Sequence 76, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION

```

NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-76

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 334 TACCTACTGATGGTGTGTA 353
|||||
DB 20 TACCTACTGATGGTGTGTA 1

RESULT 230
US-09-280-805-77/c
Sequence 77, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-77

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 351 GTAACCACTTCACAGATTCC 370
|||||
DB 20 GTAACCACTTCACAGATTCC 1

RESULT 231
US-09-280-805-78/c
Sequence 78, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-78

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 361 CACAGATTCAGCTTCGAA 380
 |||||
 Db 20 CACAGATTCAGCTTCGAA 1

RESULT 232

US-09-280-805-79/c
 ; Sequence 79, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 79:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-79

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 372 GCTTCGGAACAAGAGACCT 391
 |||||
 Db 20 GCTTCGGAACAAGAGACCT 1

RESULT 233

US-09-280-805-80/c
 ; Sequence 80, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 80:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-80

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 386 GACCCCTGTTAGACCAAGC 405
 |||||
 Db 20 GACCCCTGTTAGACCAAGC 1

RESULT 234

US-09-280-805-81/c
 ; Sequence 81, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 81:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-81

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 392 GGTTAGACCAAGCCATTGC 411
Db 20 GGTTAGACCAAGCCATTGC 1

RESULT 235
US-09-280-805-82/c
Sequence 82, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 82:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-82

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTGAAGTTA 422

Db 20 AGCCATTGCTTTGAAGTTA 1

RESULT 236
US-09-280-805-83/c
Sequence 83, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 83:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-83

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 422 ATTAAGTCTGTTGGTGAC 441
Db 20 ATTAAGTCTGTTGGTGAC 1

RESULT 237
US-09-280-805-84/c
Sequence 84, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ

;/ COUNTRY: U.S.A.
;/ ZIP: 08053
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;/ COMPUTER: IBM PC
;/ OPERATING SYSTEM: WINDOWS 95
;/ SOFTWARE: WORDPERFECT 6.0
;/ CURRENT APPLICATION DATA:
;/ FILING DATE: herewith
;/ CLASSIFICATION:
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 09/048,810
;/ FILING DATE: March 26, 1998
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Licata, Jane Massey
;/ REGISTRATION NUMBER: 32,257
;/ REFERENCE/DOCKET NUMBER: ISPH-0346
;/ TELEPHONE: 609-810-1515
;/ TELEFAX: 609-810-1454
;/ INFORMATION FOR SEQ ID NO: 84:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 base pairs
;/ TYPE: Nucleic Acid
;/ STRANDEDNESS: Single
;/ TOPOLOGY: Linear
;/ ANTI-SENSE: Yes
;/ US-09-280-805-84

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 450 ACTTATCTACTGAAAGAGGT 459
DB 20 ACTTATCTACTGAAAGAGGT 1

RESULT 238
US-09-280-805-85/c
; Sequence 85, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 85:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-85

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 490 ATATTATGACTAAACGATTA 509
DB 20 ATATTATGACTAAACGATTA 1

;/ TELEPHONE: 609-810-1515
;/ TELEFAX: 609-810-1454
;/ INFORMATION FOR SEQ ID NO: 85:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 20 base pairs
;/ TYPE: Nucleic Acid
;/ STRANDEDNESS: Single
;/ TOPOLOGY: Linear
;/ ANTI-SENSE: Yes
;/ US-09-280-805-85

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 477 TATCTGGCCAGTATATAT 496
DB 20 TATCTGGCCAGTATATAT 1

RESULT 239
US-09-280-805-86/c
; Sequence 86, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-86

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 490 ATATTATGACTAAACGATTA 509
DB 20 ATATTATGACTAAACGATTA 1

RESULT 240

US-09-280-805-87/c
 ; Sequence 87, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 87:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-87

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 496 TGACTAAACGATTATATGAT 515

Db 20 TGACTAAACGATTATATGAT 1

RESULT 241

US-09-280-805-88/c
 ; Sequence 88, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 88:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-88

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 503 ACGATTATATGATGAGAAGC 522

Db 20 ACGATTATATGATGAGAAGC 1

RESULT 242

US-09-280-805-89/c
 ; Sequence 89, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 89:


```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-89

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      515 TGAGAGCAACAATATTG 534
      |||
Db      20 TGAGAGCAACAATATTG 1

```

RESULT 243

```

US-09-280-805-90/c
; Sequence 90, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith

```

```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 90:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-90

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      525 CAACATATTGTATTGTC 544
      |||
Db      20 CAACATATTGTATTGTC 1

```

RESULT 244

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US-09-280-805-91/c

```

```

; Sequence 91, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-91

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY      531 ATTGTATATTGTTCAAATGA 550
      |||
Db      20 ATTGTATATTGTTCAAATGA 1

```

RESULT 245

```

US-09-280-805-92/c
; Sequence 92, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95

```

SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-92

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 538 ATTGTTCAAATGATCTTCTA 557
|||||
Db 20 ATTGTTCAAATGATCTTCTA 1

RESULT 246
US-09-280-805-93/c
Sequence 93, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid

STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-93

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 549 GATCTTCTAGGAGATTGTT 568
|||||
Db 20 GATCTTCTAGGAGATTGTT 1

RESULT 247
US-09-280-805-94/c
Sequence 94, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 94:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-94

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 559 GAGATTGTTTGGCGTGCCA 578
|||||
Db 20 GAGATTGTTTGGCGTGCCA 1

RESULT 248
US-09-280-805-95/c
Sequence 95, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:

```
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1454
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 95:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-95

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 566 GTTTGGCGTCCCAAGCTTCT 585
Db 20 GTTTGGCGTCCCAAGCTTCT 1

RESULT 249
US-09-280-805-96/c
/ Sequence 96, Application US/09280805
/ Patent No. 6184212
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1454
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 97:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-96
```

```
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 96:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-96

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 575 GCCAAGCTTCTCTGTGAAAG 594
Db 20 GCCAAGCTTCTCTGTGAAAG 1

RESULT 250
US-09-280-805-97/c
/ Sequence 97, Application US/09280805
/ Patent No. 6184212
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 97:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-97
```

US-09-280-805-97

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 587 TGTGAAGACGACAGGAAAA 606

Db 20 TGTGAAGACGACAGGAAAA 1

RESULT 251

US-09-280-805-98/c
 Sequence 98, Application US/09280805
 Patent No. 6184212

GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 98:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-98

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 593 AGACGACAGGAAATATATA 612

Db 20 AGACGACAGGAAATATATA 1

RESULT 252

US-09-280-805-99/c
 Sequence 99, Application US/09280805
 Patent No. 6184212

GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 99:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-99

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 600 AGGAAATATATACCATGAT 619

Db 20 AGGAAATATATACCATGAT 1

RESULT 253

US-09-280-805-100/c

Sequence 100, Application US/09280805

Patent No. 6184212

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 100:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-100

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 609 TATACCATGATCTACAGGAA 628
DB 20 TATACCATGATCTACAGGAA 1

RESULT 254

US-09-280-805-101/c
Sequence 101, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-101

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 619 TCTACAGGAACCTGGTAGTA 638
DB 20 TCTACAGGAACCTGGTAGTA 1

RESULT 255

US-09-280-805-102/c
Sequence 102, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 102:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-102

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 634 TAGTAGTCAATCAGCAGGAA 653
DB 20 TAGTAGTCAATCAGCAGGAA 1

RESULT 256

US-09-280-805-103/c
Sequence 103, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 103:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-103

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 646 AGCAGGATCATCGACTCA 665
Db 20 AGCAGGATCATCGACTCA 1

```

```

RESULT 257
US-09-280-805-104/C
; Sequence 104, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-104

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 656 ATCGGACTCAGGTACATCTG 675
Db 20 ATCGGACTCAGGTACATCTG 1

RESULT 258
US-09-280-805-105/C
; Sequence 105, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 105:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-105

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

QY 669 ACATCTGTGAGTGAGAACAG 688
 Db 20 ACATCTGTGAGTGAGAACAG 1

RESULT 259

US-09-280-805-106/c
 ; Sequence 106, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 106:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-106

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 682 AGAACAGGTGTACCTTGAA 701
 Db 20 AGAACAGGTGTACCTTGAA 1

RESULT 260

US-09-280-805-107/c
 ; Sequence 107, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 107:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-107

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 691 GTCACCTTGAAGTGGGAGT 710
 Db 20 GTCACCTTGAAGTGGGAGT 1

RESULT 261

US-09-280-805-108/c
 ; Sequence 108, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-108

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 704 TGGAGTGCATCAAAAGGACC 723
Db 20 TGGAGTGCATCAAAAGGACC 1

RESULT 262

US-09-280-805-109/c
Sequence 109, Application US/09280805
Patent No. 6184212

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 109:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-109

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 718 AGGACCTTGTACAAGGCTT 737
Db 20 AGGACCTTGTACAAGGCTT 1

RESULT 263

US-09-280-805-110/c
Sequence 110, Application US/09280805
Patent No. 6184212

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith

CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-110

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TACAAGAGCTTCAGGAAGAG 746
Db 20 TACAAGAGCTTCAGGAAGAG 1

RESULT 264

US-09-280-805-111/c
Sequence 111, Application US/09280805
Patent No. 6184212

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053


```
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-111

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 265
US-09-280-805-112/c
; Sequence 112, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-113

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 266
US-09-280-805-113/c
; Sequence 113, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-113

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 740 GGAAGAGAAACCTTCATCTT 759
Db 20 GGAAGAGAAACCTTCATCTT 1

RESULT 267
```

```
;
; INFORMATION FOR SEQ ID NO: 112:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-112

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 752 TTCATCTTCACATTTGGTTT 771
Db 20 TTCATCTTCACATTTGGTTT 1

RESULT 266
US-09-280-805-113/c
; Sequence 113, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 113:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-113

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 752 TTCATCTTCACATTTGGTTT 771
Db 20 TTCATCTTCACATTTGGTTT 1

RESULT 267
```

US-09-280-805-114/c
; Sequence 114, Application US/09280805
; Patent No. 6184212

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280.805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 114:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-114

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 774 AGACCATCTACCTCATCTAG 793

Db 20 AGACCATCTACCTCATCTAG 1

RESULT 268

US-09-280-805-115/c

; Sequence 115, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 115:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-115

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 787 CATCTAGAGGAGCAATT 806

Db 20 CATCTAGAGGAGCAATT 1

RESULT 269

US-09-280-805-116/c

; Sequence 116, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE

COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810

FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 116:

SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-116
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 798 AGAGCAATTAGTGAGACAGA 817
| | | | | | | | | | | | | | | | | |
Db 20 AGAGCAATTAGTGAGACAGA 1

RESULT 270
US-09-280-805-117/c
; Sequence 117, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-118

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 824 TTCAGATGAATTATCTGGTG 843
| | | | | | | | | | | | | | | | | |
Db 20 TTCAGATGAATTATCTGGTG 1

RESULT 272
US-09-280-805-119/c
; Sequence 119, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 117:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-117

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 810 GAGACAGAGAAATTCAGA 829
| | | | | | | | | | | | | | | | | |
Db 20 GAGACAGAGAAATTCAGA 1

RESULT 271
US-09-280-805-118/c
; Sequence 118, Application US/09280805
; Patent No. 6184212

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; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 119:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-119

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 833 ATTATCTGTTGAACGACAAA 852
DB 20 ATTATCTGTTGAACGACAAA 1

RESULT 273
US-09-280-805-120/c
; Sequence 120, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-120

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAAATCTGATAGTA 876
DB 20 ACGCCACAAATCTGATAGTA 1

RESULT 275
US-09-280-805-122/c
; Sequence 122, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

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; ANTI-SENSE: Yes
US-09-280-805-120

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 844 AACGACAAAGAAAACGCCAC 863
DB 20 AACGACAAAGAAAACGCCAC 1

RESULT 274
US-09-280-805-121/c
; Sequence 121, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 121:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-121

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 857 ACGCCACAAATCTGATAGTA 876
DB 20 ACGCCACAAATCTGATAGTA 1

RESULT 275
US-09-280-805-122/c
; Sequence 122, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```


Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 895 AAAGCTGGCTCTGTGTGA 914
 |||||
 Db 20 AAAGCTGGCTCTGTGTGA 1

RESULT 278

US-09-280-805-125/c
 ; Sequence 125, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280.805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048.810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 125:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-125

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 904 CTCTGTGTGTAATAGGAG 923
 |||||
 Db 20 CTCTGTGTGTAATAGGAG 1

RESULT 279

US-09-280-805-126/c
 ; Sequence 126, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280.805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048.810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 126:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-126

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 ATAAGGAGATATGTTGTGA 934
 |||||
 Db 20 ATAAGGAGATATGTTGTGA 1

RESULT 280

US-09-280-805-127/c
 ; Sequence 127, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280.805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048.810
 ; FILING DATE: March 26, 1998

ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 127:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-127

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TGTGTGAAGAGACAGTAG 946
 |||||
 Db 20 TGTGTGAAGAGACAGTAG 1

RESULT 281
 US-09-280-805-128/c
 ; Sequence 128, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 128:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-128

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 936 AGAAGCAGTAGCAGTGAATC 955
 |||||
 Db 20 AGAAGCAGTAGCAGTGAATC 1

RESULT 282
 US-09-280-805-129/c
 ; Sequence 129, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 129:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-129

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 949 GTGAATCTACAGGACGCCA 968
 |||||
 Db 20 GTGAATCTACAGGACGCCA 1

RESULT 283
 US-09-280-805-130/c
 ; Sequence 130, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street

```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 130:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-130

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 964 CGCCATCGAATCCGGATCTT 983
Db 20 CGCCATCGAATCCGGATCTT 1

RESULT 284
US-09-280-805-131/c
; Sequence 131, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-132

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 983 TGATGCTGGTGAAGTGAAC 1002
Db 20 TGATGCTGGTGAAGTGAAC 1002

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; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 131:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-131

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 971 GAATCCGGATCTTGATGCTG 990
Db 20 GAATCCGGATCTTGATGCTG 1

RESULT 285
US-09-280-805-132/c
; Sequence 132, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 132:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-132

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 983 TGATGCTGGTGAAGTGAAC 1002
Db 20 TGATGCTGGTGAAGTGAAC 1002

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Db 20 TGATGCTGGTGAAGTGAAC 1

RESULT 286

US-09-280-805-133/c
 ; Sequence 133, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 133:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-133

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 996 AGTGAACATTCAGGTGATTG 1015

Db 20 AGTGAACATTCAGGTGATTG 1

RESULT 287

US-09-280-805-134/c
 ; Sequence 134, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.

; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 134:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-134

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1006 CAGGTGATTGTTGGATCAG 1025

Db 20 CAGGTGATTGTTGGATCAG 1

RESULT 288

US-09-280-805-135/c
 ; Sequence 135, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515

TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 135:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-135

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1017 TTGGATCAGGATTCAGTTTC 1036
 |||||
 Db 20 TTGGATCAGGATTCAGTTTC 1

RESULT 289
 US-09-280-805-136/c
 ; Sequence 136, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 136:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-136

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1023 CAGGATTCAGTTTCAGATCA 1042
 |||||
 Db 20 CAGGATTCAGTTTCAGATCA 1

RESULT 290
 US-09-280-805-137/c
 ; Sequence 137, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 137:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-137

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 TTCAGATCAGTTTAGTG TAG 1053
 |||||
 Db 20 TTCAGATCAGTTTAGTG TAG 1

RESULT 291
 US-09-280-805-138/c
 ; Sequence 138, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

```
;
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 138:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-138

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1046 TAGGTAGAAATTTGAAGTTG 1065
DB 20 TAGGTAGAAATTTGAAGTTG 1

RESULT 292
US-09-280-805-139/c
; Sequence 139, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-139

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1046 TAGGTAGAAATTTGAAGTTG 1065
DB 20 TAGGTAGAAATTTGAAGTTG 1

RESULT 292
US-09-280-805-139/c
; Sequence 139, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 139:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-139
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;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-139

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1051 TAGAATTTGAAGTTGAATCT 1070
DB 20 TAGAATTTGAAGTTGAATCT 1

RESULT 293
US-09-280-805-140/c
; Sequence 140, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 140:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-140

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1059 GAAGTTGAATCTCTCGACTC 1078
DB 20 GAAGTTGAATCTCTCGACTC 1

RESULT 294
US-09-280-805-141/c
; Sequence 141, Application US/09280805
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; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 141:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-141
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1068 TCTCTCGACTCAGAAGATTA 1087
Db 20 TCTCTCGACTCAGAAGATTA 1
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RESULT 295
US-09-280-805-142/c
; Sequence 142, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
```

```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 142:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-142
```

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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1077 TCAGAGATTATAGCCTTAG 1096
Db 20 TCAGAGATTATAGCCTTAG 1
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RESULT 296
US-09-280-805-143/c
; Sequence 143, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 143:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
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;
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-143
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 3.3e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1084 ATTATAGCCTTAGTGAAGAA 1103
    |||||
    Db 20 ATTATAGCCTTAGTGAAGAA 1

RESULT 297
US-09-280-805-144/c
; Sequence 144, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 145:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-145
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 3.3e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1100 AGAAGGACCAAGACTCTCAG 1119
    |||||
    Db 20 AGAAGGACCAAGACTCTCAG 1

RESULT 299
US-09-280-805-146/c
; Sequence 146, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 144:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-144
    Query Match      0.8%; Score 20; DB 1; Length 20;
    Best Local Similarity 100.0%; Pred. No. 3.3e+02;
    Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1092 CTTAGTGAAGAGGACAGA 1111
    |||||
    Db 20 CTTAGTGAAGAGGACAGA 1

RESULT 298
US-09-280-805-145/c
; Sequence 145, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

```

```

;
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 146:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-146

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1105 GACAAGAACTCTCAGATGAA 1124
Db 20 GACAAGAACTCTCAGATGAA 1

RESULT 300
US-09-280-805-147/c
; Sequence 147, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-147

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1105 GACAAGAACTCTCAGATGAA 1124
Db 20 GACAAGAACTCTCAGATGAA 1

RESULT 300
US-09-280-805-147/c
; Sequence 147, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 147:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-147
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Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1115 CTCAGATGAAGATGATGAGG 1134
Db 20 CTCAGATGAAGATGATGAGG 1

RESULT 301
US-09-280-805-148/c
; Sequence 148, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 148:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-148

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1124 AGATGATGAGGTATATCAAG 1143
Db 20 AGATGATGAGGTATATCAAG 1

RESULT 302
US-09-280-805-149/c
; Sequence 149, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
```

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 149:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-149

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1135 TATATCAAGTACTGTGTAT 1154
Db 20 TATATCAAGTACTGTGTAT 1

RESULT 303
US-09-280-805-150/c
; Sequence 150, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 150:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-150

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1149 GTGTATCAGCGAGGAGAG 1168
Db 20 GTGTATCAGCGAGGAGAG 1

RESULT 304
US-09-280-805-151/c
; Sequence 151, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 151:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-151

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1161 GGGGAGAGTGATCAGATTC 1180
 |||||
 Db 20 GGGGAGAGTGATCAGATTC 1

RESULT 305
 US-09-280-805-152/c
 ; Sequence 152, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 152:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-152

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1170 GATCAGATTCATTGAGA 1189
 |||||
 Db 20 GATCAGATTCATTGAGA 1

RESULT 306
 US-09-280-805-153/c
 ; Sequence 153, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 153:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-153

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 TGAAGAAGATCCTGAAATTT 1203
 |||||
 Db 20 TGAAGAAGATCCTGAAATTT 1

RESULT 307
 US-09-280-805-154/c
 ; Sequence 154, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 154:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-154

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGAATTCCTAGCTGACT 1215
 |||||
 Db 20 TGAATTCCTAGCTGACT 1

RESULT 308
 US-09-280-805-155/c
 ; Sequence 155, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 155:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-155

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1207 TAGCTGACTATTGGAATGC 1226

Db 20 TAGCTGACTATTGGAATGC 1
 |||||

RESULT 309
 US-09-280-805-156/c
 ; Sequence 156, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 156:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-156

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1220 GAAATGCACTTCATGCAATG 1239
 |||||

Db 20 GAAATGCACTTCATGCAATG 1
 |||||
 RESULT 310
 US-09-280-805-157/c
 ; Sequence 157, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ

```

; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 157:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-157

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1226 CACTTCATGCAATGAATGA 1245
Db 20 CACTTCATGCAATGAATGA 1

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```

RESULT 311
US-09-280-805-158/c
; Sequence 158, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-159

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 158:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-158

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1257 CCATCATTGCAACAGATG 1276
Db 20 CCATCATTGCAACAGATG 1

```

```

RESULT 312
US-09-280-805-159/c
; Sequence 159, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 159:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-159

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1268 CAACAGATGTTGGCCCTTC 1287
Db 20 CAACAGATGTTGGCCCTTC 1

```

```

RESULT 313
US-09-280-805-160/c
; Sequence 160, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 161:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-161

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1283 CCTTCGTGAGAAATGGCTTC 1302
Db 20 CCTTCGTGAGAAATGGCTTC 1

RESULT 315
US-09-280-805-162/c
; Sequence 162, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 162:

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1275 TGTGGCCCTTCGTGAGAA 1294
Db 20 TGTGGCCCTTCGTGAGAA 1

RESULT 314
US-09-280-805-161/c
; Sequence 161, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:

```

SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-162

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1292 GAATGGCTTCTCGAAGATA 1311
 |||||
 Db 20 GAATGGCTTCTCGAAGATA 1

RESULT 316

US-09-280-805-163/c
 ; Sequence 163, Application US/09280805
 ; Patent No. 6184212

GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:

PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 163:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 US-09-280-805-163

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1301 TCCTGAAGATAAAGGGAAG 1320
 |||||
 Db 20 TCCTGAAGATAAAGGGAAG 1

RESULT 317

US-09-280-805-164/c

; Sequence 164, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 164:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 US-09-280-805-164

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1311 AAAGGGAAGATAAAGGGA 1330
 |||||
 Db 20 AAAGGGAAGATAAAGGGA 1

RESULT 318

US-09-280-805-165/c

; Sequence 165, Application US/09280805
 ; Patent No. 6184212

GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95

```

; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 165:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-165

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1325 AGGGGAATCTCTGAGAAG 1344
Db 20 AGGGGAATCTCTGAGAAG 1

```

```

RESULT 319
US-09-280-805-166/c
; Sequence 166, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 166:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid

```

```

; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-166

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 TCTCTGAGAAAGCCAAACTG 1352
Db 20 TCTCTGAGAAAGCCAAACTG 1

```

```

RESULT 320
US-09-280-805-167/c
; Sequence 167, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 167:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-167

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1346 CAAACTGGAAACTCAACAC 1365
Db 20 CAAACTGGAAACTCAACAC 1

```

```

RESULT 321
US-09-280-805-168/c
; Sequence 168, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:

```

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-168

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1358 CTCACACACAGCTGAAGG 1377
Db 20 CTCACACACAGCTGAAGG 1

RESULT 322
US-09-280-805-169/c
Sequence 169, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805

FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 169:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-169

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1368 GCTGAAGAGGGCTTGATGT 1387
Db 20 GCTGAAGAGGGCTTGATGT 1

RESULT 323
US-09-280-805-170/c
Sequence 170, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1358 CTCACACACAGCTGAAGG 1377
Db 20 CTCACACACAGCTGAAGG 1

RESULT 322
US-09-280-805-169/c
Sequence 169, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805

US-09-280-805-170

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1401 AAAACTATAGTGAATGATTC 1420
 Db 20 AAAACTATAGTGAATGATTC 1

RESULT 324

US-09-280-805-171/c
 ; Sequence 171, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 171:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-171

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1412 GAATGATTCAGAGAGTCAT 1431
 Db 20 GAATGATTCAGAGAGTCAT 1

RESULT 325

US-09-280-805-172/c
 ; Sequence 172, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 172:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-172

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1421 CAGAGAGTCATGTTGAGG 1440
 Db 20 CAGAGAGTCATGTTGAGG 1

RESULT 326

US-09-280-805-173/c
 ; Sequence 173, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:

```
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 173:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-173

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTGAGGAAATGATGATAA 1453
Db 20 GTTGAGGAAATGATGATAA 1

RESULT 327
US-09-280-805-174/c
; Sequence 174, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-174

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1434 GTTGAGGAAATGATGATAA 1453
Db 20 GTTGAGGAAATGATGATAA 1

RESULT 327
US-09-280-805-174/c
; Sequence 174, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 174:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-174

Query Match          0.8%; Score 20; DB 1; Length 20;
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```
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1439 GGAATAATGATGATAAAATTA 1458
Db 20 GGAATAATGATGATAAAATTA 1

RESULT 328
US-09-280-805-175/c
; Sequence 175, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 175:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
;
US-09-280-805-175

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1449 GATAAAATTCACAAGCTTC 1468
Db 20 GATAAAATTCACAAGCTTC 1

RESULT 329
US-09-280-805-176/c
; Sequence 176, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
```


ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 176:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-176

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1456 TTACACAAGCTTCACAATCA 1475
|||||
Db 20 TTACACAAGCTTCACAATCA 1

RESULT 330
US-09-280-805-177/c
Sequence 177, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 177:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-177

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1466 TTCACAATCACAAAGTG 1485
|||||
Db 20 TTCACAATCACAAAGTG 1

RESULT 331
US-09-280-805-178/c
Sequence 178, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 178:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-178

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1481 AAGTGAAGACTATTCTCAGC 1500
 |||||
 Db 20 AAGTGAAGACTATTCTCAGC 1

RESULT 332

US-09-280-805-179/c
 ; Sequence 179, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 179:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-179

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1489 ACTATTCAGCCATCAACT 1508
 |||||
 Db 20 ACTATTCAGCCATCAACT 1

RESULT 333

US-09-280-805-180/c
 ; Sequence 180, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 180:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-180

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1499 GCCATCAACTTCTAGTAGCA 1518
 |||||
 Db 20 GCCATCAACTTCTAGTAGCA 1

RESULT 334

US-09-280-805-181/c
 ; Sequence 181, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 181:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-181

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1506 ACTTCTAGTAGCATTATTTA 1525
Db 20 ACTTCTAGTAGCATTATTTA 1

```

```

RESULT 335
US-09-280-805-182/c
; Sequence 182, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 182:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-182

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 1517 CATTATTTATAGCAGCCCAAG 1536
Db 20 CATTATTTATAGCAGCCCAAG 1

```

```

RESULT 336
US-09-280-805-183/c
; Sequence 183, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 183:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-183

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1522 TTTATAGCAGCCCAAGAT 1541
Db 20 TTTATAGCAGCCCAAGAT 1

```

```

RESULT 337
US-09-280-805-184/c
; Sequence 184, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 184:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-184

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1533 CAAGAAGATGCGAAGAGTT 1552
DB 20 CAAGAAGATGCGAAGAGTT 1

```

```

RESULT 338
US-09-280-805-185/c
; Sequence 185, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 185:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-185

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1541 TGTGAAGAGTTTGAAGGG 1560
DB 20 TGTGAAGAGTTTGAAGGG 1

```

```

RESULT 339
US-09-280-805-186/c
; Sequence 186, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 186:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-186

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1550 GTTTGAAGGGAAGAACCC 1569
DB 20 GTTTGAAGGGAAGAACCC 1

```

```

RESULT 340

```

```

US-09-280-805-187/c
; Sequence 187, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 187:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-187

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1560 GAAGAAACCCCAAGCAAGA 1579
Db 20 GAAGAAACCCCAAGCAAGA 1

RESULT 341
US-09-280-805-188/c
; Sequence 188, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-189

```

```

; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 188:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-188

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1566 ACCCAAGACAAAGAGAGAG 1585
Db 20 ACCCAAGACAAAGAGAGAG 1

RESULT 342
US-09-280-805-189/c
; Sequence 189, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 189:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs

```

```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-189

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1580 AGAGAGTGTGAATCTAGTT 1599
      |||||||
Db 20 AGAGAGTGTGAATCTAGTT 1

```

RESULT 343

```

US-09-280-805-190/c
; Sequence 190, Application US/09280805
; Patent No. 6184212

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454

```

```

; INFORMATION FOR SEQ ID NO: 190:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-190

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1605 CTTAATGCCATTGAACCTTG 1624
      |||||||
Db 20 CTTAATGCCATTGAACCTTG 1

```

RESULT 344

```

US-09-280-805-191/c
; Sequence 191, Application US/09280805
; Patent No. 6184212

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 191:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-191

```

```

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1617 GAACCTTGTTGATTGTCA 1636
      |||||||
Db 20 GAACCTTGTTGATTGTCA 1

```

RESULT 345

```

US-09-280-805-192/c
; Sequence 192, Application US/09280805
; Patent No. 6184212

```

```

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 09/048,810
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 192:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-192

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1624 GTGTGATTGTCAGGTCGA 1643
| | | | | | | | | | | | | | | | | |
DB 20 GTGTGATTGTCAGGTCGA 1

```

```

RESULT 346
US-09-280-805-193/c
; Sequence 193, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 193:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

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```

; ANTI-SENSE: Yes
; US-09-280-805-193

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 1648 AAAATGGTTCATTGTCCAT 1667
| | | | | | | | | | | | | | | | | |
DB 20 AAAATGGTTCATTGTCCAT 1

```

```

RESULT 347
US-09-280-805-194/c
; Sequence 194, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA: 09/048,810
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 194:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-194

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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QY 1657 GCATTGTCCATGGCAAAACA 1676
| | | | | | | | | | | | | | | | | |
DB 20 GCATTGTCCATGGCAAAACA 1

```

```

RESULT 348
US-09-280-805-195/c
; Sequence 195, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 195:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-195

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1667 TGGCAAAACAGGACATCTTA 1686
Db 20 TGGCAAAACAGGACATCTTA 1

RESULT 349
US-09-280-805-196/c
; Sequence 196, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-197

```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 196:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-196

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1675 CAGGACATCTTATGGCCTGC 1694
Db 20 CAGGACATCTTATGGCCTGC 1

RESULT 350
US-09-280-805-197/c
; Sequence 197, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 197:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-197

```


Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1684 TTATGGCTGCTTTACATGT 1703
 |||||
 DB 20 TTATGGCTGCTTTACATGT 1

RESULT 351

US-09-280-805-198/c
 ; Sequence 198, Application US/09280805
 ; Patent No. 6184212

; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.

; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith

CLASSIFICATION:

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 198:
 ; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid

; STRANDEDNESS: Single
 ; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-198

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1690 CCTGCTTTACATGTCGAAG 1709
 |||||
 DB 20 CCTGCTTTACATGTCGAAG 1

RESULT 352

US-09-280-805-199/c
 ; Sequence 199, Application US/09280805
 ; Patent No. 6184212

; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith

CLASSIFICATION:

; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 199:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-280-805-199

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1702 GTGCAAGAAGCTTAAGAA 1721
 |||||
 DB 20 GTGCAAGAAGCTTAAGAA 1

RESULT 353

US-09-280-805-200/c
 ; Sequence 200, Application US/09280805
 ; Patent No. 6184212

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

QY	1720	AAAGGAATAAGCCTGCCCA	1739
Db	20	AAAGGAATAAGCCTGCCCA	1
RESULT 355			
US-09-280-805-202/c			
; Sequence 202, Application US/09280805			
; Patent No. 6184212			
; GENERAL INFORMATION:			
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.			
; APPLICANT: Graham, Brett P. Monia			
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2			
; TITLE OF INVENTION: EXPRESSION			
; NUMBER OF SEQUENCES: 271			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Law Offices of Jane Massey Licata			
; STREET: 66 East Main Street			
; CITY: Marlton			
; STATE: NJ			
; COUNTRY: U.S.A.			
; ZIP: 08053			
; COMPUTER READABLE FORM:			
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE			
; COMPUTER: IBM PC			
; OPERATING SYSTEM: WINDOWS 95			
; SOFTWARE: WORDPERFECT 6.0			
; CURRENT APPLICATION DATA:			
; APPLICATION NUMBER: US/09/280,805			
; FILING DATE: herewith			
; CLASSIFICATION:			
; PRIOR APPLICATION DATA:			
; APPLICATION NUMBER: 09/048 810			
; FILING DATE: March 26, 1998			
; ATTORNEY/AGENT INFORMATION:			
; NAME: Licata, Jane Massey			
; REGISTRATION NUMBER: 32,257			
; REFERENCE/DOCKET NUMBER: ISPH-0346			
; TELECOMMUNICATION INFORMATION:			
; TELEPHONE: 609-810-1515			
; TELEFAX: 609-810-1454			
; INFORMATION FOR SEQ ID NO: 202:			
; SEQUENCE CHARACTERISTICS:			
; LENGTH: 20 base pairs			
; TYPE: Nucleic Acid			
; STRANDEDNESS: Single			
; TOPOLOGY: Linear			
; ANTI-SENSE: Yes			
US-09-280-805-202			
Query Match 0.8%; Score 20; DB 1; Length 20;			
Best Local Similarity 100.0%; Fred. No. 3.3e+02;			
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1726	ATAAGCCCTGCCCGATGCT	1745
Db	20	ATAAGCCCTGCCCGATGCT	1
RESULT 356			
US-09-280-805-203/c			
; Sequence 203, Application US/09280805			
; Patent No. 6184212			
; GENERAL INFORMATION:			
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.			
; APPLICANT: Graham, Brett P. Monia			
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2			
; TITLE OF INVENTION: EXPRESSION			
; NUMBER OF SEQUENCES: 271			
; CORRESPONDENCE ADDRESS:			
; ADDRESSEE: Law Offices of Jane Massey Licata			
; STREET: 66 East Main Street			

```
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 203:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-203

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1736 CCCAGTATGTAGACAA 1755
Db 20 CCCAGTATGTAGACAA 1

RESULT 357
US-09-280-805-204/c
; Sequence 204, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAATGATTGTCTAACTT 1776
Db 20 TCAATGATTGTCTAACTT 1776
```

```
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 204:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-204

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1745 TAGACAACCAATTCAAATGA 1764
Db 20 TAGACAACCAATTCAAATGA 1

RESULT 358
US-09-280-805-205/c
; Sequence 205, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 205:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-205

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1757 TCAATGATTGTCTAACTT 1776
Db 20 TCAATGATTGTCTAACTT 1776
```

```
Db      20 TCAATGATGCTACTT 1

RESULT 359
US-09-280-805-206/c
; Sequence 206, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 207:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-207

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1798 TATAAGAGATTATATTT 1817
      |||||||
Db      20 TATAAGAGATTATATTT 1

RESULT 361
US-09-280-805-208/c
; Sequence 208, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515

Query Match      0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1787 GTTGACCTGCTCTATAAGAGA 1806
      |||||||
Db      20 GTTGACCTGCTCTATAAGAGA 1

RESULT 360
US-09-280-805-207/c
; Sequence 207, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
```

TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 208:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-208

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1804 AGAATTATATTTCTAACT 1823
 |||||
 Db 20 AGAATTATATTTCTAACT 1

RESULT 362

US-09-280-805-209/c
 Sequence 209, Application US/09280805
 Patent No. 6184212
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 209:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-209

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1808 TTATATATTTCTAACTATAT 1827
 |||||
 Db 20 TTATATATTTCTAACTATAT 1

RESULT 363
 US-09-280-805-210/c
 Sequence 210, Application US/09280805
 Patent No. 6184212
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 210:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-210

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1816 TTCTAACTATATAACCCCTAG 1835
 |||||
 Db 20 TTCTAACTATATAACCCCTAG 1

RESULT 364

US-09-280-805-211/c
 Sequence 211, Application US/09280805
 Patent No. 6184212
 GENERAL INFORMATION:
 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 APPLICANT: Graham, Brett P. Monia
 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 TITLE OF INVENTION: EXPRESSION
 NUMBER OF SEQUENCES: 271
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 211:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-211

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1823 TATATAACCTAGGAATTTA 1842
|||||
DB 20 TATATAACCTAGGAATTTA 1

RESULT 365
US-09-280-805-212/c
Sequence 212, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 212:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-212

LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-212

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1832 CTAGGAATTTAGACAACCTG 1851
|||||
DB 20 CTAGGAATTTAGACAACCTG 1

RESULT 366
US-09-280-805-213/c
Sequence 213, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 213:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-213

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1840 TTAGACAACCTGAAATTTAT 1859
|||||
DB 20 TTAGACAACCTGAAATTTAT 1

RESULT 367
US-09-280-805-214/c
Sequence 214, Application US/09280805

```

; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 214:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-214

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```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1850 TGAATTTATTCATATAT 1869
Db 20 TGAATTTATTCATATAT 1

```

```

RESULT 368
US-09-280-805-215/c
; Sequence 215, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0

```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 215:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-215

```

```

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 1855 TTATTCACATATATCAAG 1874
Db 20 TTATTCACATATATCAAG 1

```

```

RESULT 369
US-09-280-805-216/c
; Sequence 216, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 216:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

```

```

; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-216

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1865 TATATCAAAAGTGAGAAATG 1884
DB 20 TATATCAAAAGTGAGAAATG 1

RESULT 370
US-09-280-805-217/c
; Sequence 217, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 217:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-218

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1883 TGCCTCAATTCACATAGATT 1902
DB 20 TGCCTCAATTCACATAGATT 1

RESULT 372
US-09-280-805-219/c
; Sequence 219, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith

```



```

; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 219:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-219

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1889 AATTCACATAGATTTCTTCT 1908
Db 20 AATTCACATAGATTTCTTCT 1

RESULT 373
US-09-280-805-220/c
; Sequence 220, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 220:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-220

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1898 AGATTTCTTCTCTTTAGTAT 1917
Db 20 AGATTTCTTCTCTTTAGTAT 1

RESULT 374
US-09-280-805-221/c
; Sequence 221, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 221:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-221

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1905 TTCTCTTTAGTATAATTGAC 1924
Db 20 TTCTCTTTAGTATAATTGAC 1

RESULT 375
US-09-280-805-222/c
; Sequence 222, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-222

```

```

; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 222:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-222

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1908 TCTTTAGTATTAATTGACCTA 1927
|||||
Db 20 TCTTTAGTATTAATTGACCTA 1

RESULT 376
US-09-280-805-223/c
; Sequence 223, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

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; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 223:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-223

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1913 AGTATAATTGACCTACTTTG 1932
|||||
Db 20 AGTATAATTGACCTACTTTG 1

RESULT 377
US-09-280-805-224/c
; Sequence 224, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-224

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;

```

Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1920 TTGACCTACTTTGGTAGTGG 1939
 |||||
 Db 20 TTGACCTACTTTGGTAGTGG 1

RESULT 378

US-09-280-805-225/c
 ; Sequence 225, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 225:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-225

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1933 GTAGTGGAAATGGAATACT 1952
 |||||
 Db 20 GTAGTGGAAATGGAATACT 1

RESULT 379

US-09-280-805-226/c
 ; Sequence 226, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 226:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-226

Query Match

0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1940 AATAGTGAATACTTACTATA 1959
 |||||
 Db 20 AATAGTGAATACTTACTATA 1

RESULT 380

US-09-280-805-227/c
 ; Sequence 227, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith

CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 227:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-227

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1948 ATACTTACTATAATTGACT 1967
 ||||||||||||||||||
 Db 20 ATACTTACTATAATTGACT 1

RESULT 381
 US-09-280-805-228/c
 ; Sequence 228, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 228:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-228

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1956 TATAATTGACTTGATATG 1975

Db 20 TATAATTGACTTGATATG 1
 ||||||||||||||||||

RESULT 382
 US-09-280-805-229/c
 ; Sequence 229, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 229:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-229

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1969 GAATATGTAGCTCATCCTTT 1988
 ||||||||||||||||||
 Db 20 GAATATGTAGCTCATCCTTT 1

RESULT 383
 US-09-280-805-230/c
 ; Sequence 230, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ

```
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 230:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-230

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1973 ATGTAGCTCATCCTTTACAC 1992
Db 20 ATGTAGCTCATCCTTTACAC 1

RESULT 384
US-09-280-805-231/C
/ Sequence 231, Application US/09280805
/ Patent No. 6184212
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 232:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCCTTAATTTAAA 2009
Db 20 CACCAACTCCTTAATTTAAA 1
```

```
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 231:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-231

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1982 ATCCTTTACCAACTCCTTA 2001
Db 20 ATCCTTTACCAACTCCTTA 1

RESULT 385
US-09-280-805-232/C
/ Sequence 232, Application US/09280805
/ Patent No. 6184212
/ GENERAL INFORMATION:
/ APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
/ APPLICANT: Graham, Brett P. Monia
/ TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
/ TITLE OF INVENTION: EXPRESSION
/ NUMBER OF SEQUENCES: 271
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Law Offices of Jane Massey Licata
/ STREET: 66 East Main Street
/ CITY: Marlton
/ STATE: NJ
/ COUNTRY: U.S.A.
/ ZIP: 08053
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
/ COMPUTER: IBM PC
/ OPERATING SYSTEM: WINDOWS 95
/ SOFTWARE: WORDPERFECT 6.0
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/280,805
/ FILING DATE: herewith
/ CLASSIFICATION:
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 09/048,810
/ FILING DATE: March 26, 1998
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Licata, Jane Massey
/ REGISTRATION NUMBER: 32,257
/ REFERENCE/DOCKET NUMBER: ISPH-0346
/ TELEPHONE: 609-810-1515
/ TELEFAX: 609-810-1454
/ INFORMATION FOR SEQ ID NO: 232:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: Nucleic Acid
/ STRANDEDNESS: Single
/ TOPOLOGY: Linear
/ ANTI-SENSE: Yes
/ US-09-280-805-232

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1990 CACCAACTCCTTAATTTAAA 2009
Db 20 CACCAACTCCTTAATTTAAA 1
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```

RESULT 386
US-09-280-805-233/c
; Sequence 233, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-233

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1997 TCCTAATTTTAAATAATTC 2016
Db 20 TCCTAATTTTAAATAATTC 1

RESULT 387
US-09-280-805-234/c
; Sequence 234, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 233:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-233

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 234:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-234

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2004 TTATAATAATTTCTACTCTG 2023
Db 20 TTATAATAATTTCTACTCTG 1

RESULT 388
US-09-280-805-235/c
; Sequence 235, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 235:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-235

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;
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 238:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-238

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2059 AATATGTATATGACATTAA 2078
Db 20 AATATGTATATGACATTAA 1

RESULT 392
US-09-280-805-239/c
; Sequence 239, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 239:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid

;
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-239

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2072 CATTAAATGTAACCTTATTA 2091
Db 20 CATTAAATGTAACCTTATTA 1

RESULT 393
US-09-280-805-240/c
; Sequence 240, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 240:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-240

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2103 ACCGAGTCTTGCTCTGTAC 2122
Db 20 ACCGAGTCTTGCTCTGTAC 1

RESULT 394
US-09-280-805-241/c
; Sequence 241, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:


```

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 241:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-241

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 2111 TTGCTCTGTTACCCAGGCTG 2130
| | | | | | | | | | | | | | | | | |
Db 20 TTGCTCTGTTACCCAGGCTG 1

```

```

RESULT 395
US-09-280-805-242/c
; Sequence 242, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805

```

```

; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-242

```

```

Query Match 0.8% Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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```

QY 2116 CTGTTACCCAGGCTGGAGTG 2135
| | | | | | | | | | | | | | | | | |
Db 20 CTGTTACCCAGGCTGGAGTG 1

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```

RESULT 396
US-09-280-805-243/c
; Sequence 243, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

```

```

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 243:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

```

US-09-280-805-243

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2123 CCAGGCTGGAGTGGCAGTGGG 2142
|||||
DB 20 CCAGGCTGGAGTGGCAGTGGG 1

RESULT 397

US-09-280-805-244/c
; Sequence 244, Application US/09280805
; Patent No. 6184212

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280.805
; FILING DATE: herewith
; CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 244:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-244

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2133 GTGACGTGGGTGATCTGGC 2152
|||||
DB 20 GTGACGTGGGTGATCTGGC 1

RESULT 398

US-09-280-805-245/c
; Sequence 245, Application US/09280805
; Patent No. 6184212

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280.805
; FILING DATE: herewith
; CLASSIFICATION:

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 245:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-245

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2140 GGGTGATCTTGGCTCACTGC 2159
|||||
DB 20 GGGTGATCTTGGCTCACTGC 1

RESULT 399

US-09-280-805-246/c
; Sequence 246, Application US/09280805
; Patent No. 6184212

; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280.805
; FILING DATE: herewith
; CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 246:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-246

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2146 TCTGGCTCACTGCAAGCTC 2165
DB 20 TCTGGCTCACTGCAAGCTC 1

RESULT 400

US-09-280-805-247/c
Sequence 247, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 247:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-247

Query Match 0.8%; Score 20; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2153 TCACTGCAAGCTCTGCCCTC 2172
DB 20 TCACTGCAAGCTCTGCCCTC 1

RESULT 401

US-09-280-805-248/c
Sequence 248, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 248:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-248

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2176 GGGTTCGCACCATTCCTCG 2195
DB 20 GGGTTCGCACCATTCCTCG 1

RESULT 402

US-09-280-805-249/c
Sequence 249, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:

```

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 249:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-249

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2185 CCATTCTCTGCTCAGCCT 2204
Db 20 CCATTCTCTGCTCAGCCT 1

RESULT 403
US-09-280-805-250/c
; Sequence 250, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-251

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 250:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-250

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2191 TCCTGCTCAGCCTCCCAAT 2210
Db 20 TCCTGCTCAGCCTCCCAAT 1

RESULT 404
US-09-280-805-251/c
; Sequence 251, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 251:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-251

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 2198 TCAGCCTCCCAATTAGCTTG 2217
 Db 20 TCAGCCTCCCAATTAGCTTG 1

RESULT 405

US-09-280-805-252/c
 ; Sequence 252, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-810-1515
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 252:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-280-805-252

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2202 CCTCCCAATTAGCTTGCGCT 2221
 Db 20 CCTCCCAATTAGCTTGCGCT 1

RESULT 406

US-09-280-805-253/c
 ; Sequence 253, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton

STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC
 OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280,805
 FILING DATE: herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:
 NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454
 INFORMATION FOR SEQ ID NO: 253:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: Nucleic Acid
 STRANDEDNESS: Single
 TOPOLOGY: Linear
 ANTI-SENSE: Yes
 US-09-280-805-253

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2210 TTAGCTTGCGCTACATGTCAT 2229
 Db 20 TTAGCTTGCGCTACATGTCAT 1

RESULT 407

US-09-280-805-254/c
 ; Sequence 254, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM PC
 ; OPERATING SYSTEM: WINDOWS 95
 ; SOFTWARE: WORDPERFECT 6.0
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/280,805
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 09/048,810
 ; FILING DATE: March 26, 1998
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 254:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-254

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2213 GCTTGGCTACAGTCATCTG 2232
DB 20 GCTTGGCTACAGTCATCTG 1

RESULT 408
US-09-280-805-255/c
Sequence 255, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 255:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-255

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2218 GCCTACAGTCATCTGCCACC 2237
DB 20 GCCTACAGTCATCTGCCACC 1

RESULT 409
US-09-280-805-256/c
Sequence 256, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 256:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-256

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2232 GCCACCACCTGGCTAATT 2251
DB 20 GCCACCACCTGGCTAATT 1

RESULT 410
US-09-280-805-257/c
Sequence 257, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA: US/09/280,805
APPLICATION NUMBER: 32,257
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-257

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2253 TTGTACTTTTGTAGTAGAC 2272
DB 20 TTGTACTTTTGTAGTAGAC 1

RESULT 411
US-09-280-805-258/c
Sequence 258, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 258:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-258

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2265 GTAGACACAGGGTTTCACCG 2284
DB 20 GTAGACACAGGGTTTCACCG 1

RESULT 412
US-09-280-805-259/c
Sequence 259, Application US/09280805
Patent No. 6184212
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/280,805
FILING DATE: herewith
CLASSIFICATION:
PRIOR APPLICATION DATA: 09/048,810
FILING DATE: March 26, 1998
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 259:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-280-805-259

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTAGCCA 2293
DB 20 GGGTTTCACCGTGTAGCCA 1

RESULT 413

US-09-280-805-260/c
 ; Sequence 260, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:
 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280.805
 FILING DATE: herewith
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 260:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-260

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2283 CGTGTAGCCAGGATGGTCT 2302

Db 20 CGTGTAGCCAGGATGGTCT 1

RESULT 414

US-09-280-805-261/c
 ; Sequence 261, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95
 SOFTWARE: WORDPERFECT 6.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280.805
 FILING DATE: herewith
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 261:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-280-805-261

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2290 GCCAGGATGGTCTCGATCTC 2309

Db 20 GCCAGGATGGTCTCGATCTC 1

RESULT 415

US-09-280-805-262/c

; Sequence 262, Application US/09280805
 ; Patent No. 6184212
 ; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
 ; TITLE OF INVENTION: EXPRESSION
 ; NUMBER OF SEQUENCES: 271
 ; CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata
 STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 COMPUTER: IBM PC

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/280.805
 FILING DATE: herewith
 CLASSIFICATION:

PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 09/048,810
 FILING DATE: March 26, 1998
 ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
 REGISTRATION NUMBER: 32,257
 REFERENCE/DOCKET NUMBER: ISPH-0346
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 609-810-1515
 TELEFAX: 609-810-1454

INFORMATION FOR SEQ ID NO: 262:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs


```

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-262

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2298 GGCTCGATCTCCGACCTC 2317
Db 20 GGCTCGATCTCCGACCTC 1

RESULT 416
US-09-280-805-263/c
; Sequence 263, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 264:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-264

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2319 TGATCGCCACCTCGCGCT 2338
Db 20 TGATCGCCACCTCGCGCT 1

RESULT 418
US-09-280-805-265/c
; Sequence 265, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 263:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-280-805-263

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2307 CTCCTGACCTCGTGATCCG 2326
Db 20 CTCCTGACCTCGTGATCCG 1

RESULT 417
US-09-280-805-264/c
; Sequence 264, Application US/09280805
; Patent No. 6184212

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; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 265:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-265

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCACCTCGGCTCCCAAA 2344
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 419
US-09-280-805-266/c
; Sequence 266, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 266:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-266

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2325 GCCACCTCGGCTCCCAAA 2344
Db 20 GCCACCTCGGCTCCCAAA 1

RESULT 419
US-09-280-805-266/c
; Sequence 266, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 266:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-266

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; ANTI-SENSE: Yes
; US-09-280-805-266

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCTCCCAAGTCTGGGA 2353
Db 20 GGCTCCCAAGTCTGGGA 1

RESULT 420
US-09-280-805-267/c
; Sequence 267, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 267:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-267

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGGATTACAG 2360
Db 20 CAAAGTCTGGGATTACAG 1

RESULT 421
US-09-280-805-268/c
; Sequence 268, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia

```

```
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 268:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-280-805-268

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGCATGAGCCAC 2370
Db 20 GGATTACAGCATGAGCCAC 1

RESULT 422
US-09-048-810-3/c
; Sequence 3, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-4

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTGTCGAAAGA 56
Db 37 GGCCCTGTGTGTCGAAAGA 56
```

```
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCACCGCGCGAGCTTGGCTG 20
Db 20 GCACCGCGCGAGCTTGGCTG 1

RESULT 423
US-09-048-810-4/c
; Sequence 4, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-4

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTGTCGAAAGA 56
Db 37 GGCCCTGTGTGTCGAAAGA 56
```

Db 20 GGCCCTGTGTCTCGAAAGA 1

RESULT 424

US-09-048-810-5/c
; Sequence 5, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-5

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 95 CTCTGACCGAGATCTGCTG 114

Db 20 CTCTGACCGAGATCTGCTG 1

RESULT 425

US-09-048-810-6/c
; Sequence 6, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-6

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 147 ATTAGTGGTACGAGCGCCC 166

Db 20 ATTAGTGGTACGAGCGCCC 1

RESULT 426

US-09-048-810-7/c
; Sequence 7, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-7

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 181 GAGAGTGAATGATCCCGA 200
 Db 20 GAGAGTGAATGATCCCGA 1

RESULT 427

US-09-048-810-8/c
 ; Sequence 8, Application US/09048810
 ; Patent No. 6238921
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
 ; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM 486
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
 ; SOFTWARE: WORDPERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/048,810
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0302
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-779-2400
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 8:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-048-810-8

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 CTCACGCGGAAACCCCG 292
 Db 20 CTCACGCGGAAACCCCG 1

RESULT 428

US-09-048-810-9/c
 ; Sequence 9, Application US/09048810
 ; Patent No. 6238921
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
 ; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
 CITY: Marlton
 STATE: NJ
 COUNTRY: U.S.A.
 ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM 486
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
 ; SOFTWARE: WORDPERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/048,810
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0302
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-779-2400
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 9:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 20 base pairs
 ; TYPE: Nucleic Acid
 ; STRANDEDNESS: Single
 ; TOPOLOGY: Linear
 ; ANTI-SENSE: Yes
 ; US-09-048-810-9

Query Match 0.8%; Score 20; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 3.3e+02;
 Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 295 TGGTGAGGAGCAGCAATG 314
 Db 20 TGGTGAGGAGCAGCAATG 1

RESULT 429

US-09-048-810-10/c
 ; Sequence 10, Application US/09048810
 ; Patent No. 6238921
 ; GENERAL INFORMATION:
 ; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
 ; APPLICANT: Graham, Brett P. Monia
 ; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
 ; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
 ; NUMBER OF SEQUENCES: 32
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Law Offices of Jane Massey Licata
 ; STREET: 66 East Main Street
 ; CITY: Marlton
 ; STATE: NJ
 ; COUNTRY: U.S.A.
 ; ZIP: 08053
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 ; COMPUTER: IBM 486
 ; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
 ; SOFTWARE: WORDPERFECT 5.1
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/048,810
 ; FILING DATE: herewith
 ; CLASSIFICATION:
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Licata, Jane Massey
 ; REGISTRATION NUMBER: 32,257
 ; REFERENCE/DOCKET NUMBER: ISPH-0302
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: 609-779-2400
 ; TELEFAX: 609-810-1454
 ; INFORMATION FOR SEQ ID NO: 10:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

US-09-048-810-10

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 303 AGCAGGCAAAATGTGCAATAC 322

Db 20 AGCAGGCAAAATGTGCAATAC 1

RESULT 430

US-09-048-810-11/c
; Sequence 11, Application US/09048810
; Patent No. 6238921

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith

; CLASSIFICATION:

; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400

; INFORMATION FOR SEQ ID NO: 11:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

US-09-048-810-11

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 331 CTGTACCTACTGATGGTCT 350

Db 20 CTGTACCTACTGATGGTCT 1

RESULT 431

US-09-048-810-12/c
; Sequence 12, Application US/09048810
; Patent No. 6238921

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith

; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400

; INFORMATION FOR SEQ ID NO: 12:

; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-12

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 617 GATCTACAGGAAGCTTGGTAG 636

Db 20 GATCTACAGGAAGCTTGGTAG 1

RESULT 432

US-09-048-810-13/c
; Sequence 13, Application US/09048810
; Patent No. 6238921

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:

```
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-13
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1047 AGTGAGAAATTTGAAGTTGA 1066
Db 20 AGTGAGAAATTTGAAGTTGA 1

RESULT 433
US-09-048-810-14/c
; Sequence 14, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-15
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTCATGTGCAAGAGCT 1714
Db 20 TTTCATGTGCAAGAGCT 1

RESULT 435
US-09-048-810-16/c
; Sequence 16, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-14
;
Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1381 TTGATGTTCTGATGTAAA 1400
Db 20 TTGATGTTCTGATGTAAA 1
```

```

; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-16

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795
Db 20 TATTTCCCTAGTTGACCTG 1

RESULT 436
US-09-048-810-17/c
; Sequence 17, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-17

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1776 TATTTCCCTAGTTGACCTG 1795
Db 20 TATTTCCCTAGTTGACCTG 1

RESULT 437
US-09-048-810-18/c
; Sequence 18, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1785 TAGTTGACCTGTCTATAAGA 1804
Db 20 TAGTTGACCTGTCTATAAGA 1

RESULT 438
US-09-048-810-19/c
; Sequence 19, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-17
```

```

; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 18:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-18

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1818 CTAACCTATATACCTAGGA 1837
Db 20 CTAACCTATATACCTAGGA 1

RESULT 438
US-09-048-810-19/c
; Sequence 19, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-048-810-17
```



```

; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-19

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1934 TAGTGGAAATAGTGAATCTT 1953
Db 20 TAGTGGAAATAGTGAATCTT 1

RESULT 439
US-09-048-810-20/c
; Sequence 20, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:

```

```

; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-20

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2132 AGTGCAGTGGTGATCTTGG 2151
Db 20 AGTGCAGTGGTGATCTTGG 1

RESULT 440
US-09-048-810-21/c
; Sequence 21, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-21

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2224 AGTCATCTGCCACACCT 2243
Db 20 AGTCATCTGCCACACCT 1

RESULT 441
US-09-048-810-22/c
; Sequence 22, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

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; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 22:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2256 GTACTTTTAGTAGACAGG 2275
Db 20 GTACTTTTAGTAGACAGG 1

RESULT 442
US-09-048-810-25/c
; Sequence 25, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
```

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; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-048-810-25

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 37 GGCCCTGTGTCTCGGAAGA 56
Db 20 GGCCCTGTGTCTCGGAAGA 1

RESULT 443
US-09-467-642-71/c
; Sequence 71, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-467-642-71

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2292 CAGGATGGTCTCGATCTCCT 2311
Db 20 CAGGATGGTCTCGATCTCCT 1

RESULT 444
US-09-467-642-73/c
; Sequence 73, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-467-642-73

Query Match 0.8%; Score 20; DB 1; Length 20;
```

```
Best Local Similarity 100.0%; Pred. No. 3.3e+02; Indels 0; Gaps 0;
Matches 20; Conservative 0; Mismatches 0;

QY 2346 TGTGGGATTACAGGCATGA 2365
Db 20 TGTGGGATTACAGGCATGA 1

RESULT 445
US-09-488-856A-62
; Sequence 62, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXH
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-62

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGATTAC 20

RESULT 446
US-09-540-699-22/c
; Sequence 22, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalia, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; OTHER INFORMATION: MDM2 mRNA
US-09-540-699-22

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
Db 20 GTGAGTGAGAACAGGTGTCA 1
```

```
RESULT 447
US-09-607-529-3/c
; Sequence 3, Application US/09607529
; Patent No. 6465247
; GENERAL INFORMATION:
; APPLICANT: Irving Weissman
; APPLICANT: David Traver
; APPLICANT: Koichi Akashi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
; TITLE OF INVENTION: SUBSETS
; FILE REFERENCE: STAN-126
; CURRENT APPLICATION NUMBER: US/09/607,529
; CURRENT FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-607-529-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 448
US-09-060-299-257/c
; Sequence 257, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
```

NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-257

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
|||||
Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 449

US-09-402-923A-257/c
Sequence 257, Application US/09402923A
Patent No. 6555654
GENERAL INFORMATION:

APPLICANT: Todd, John A
Hess, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: NO. 6555654e1 LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid

STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 257:
US-09-402-923A-257

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
|||||
Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 450

US-09-658-517C-2/c
Sequence 2, Application US/09658517C
Patent No. 6559279
GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah
APPLICANT: Guzaev, Andrei P.
TITLE OF INVENTION: Process For Preparing Peptide Derivatized Oligomeric Compounds
FILE REFERENCE: ISIS4501
CURRENT APPLICATION NUMBER: US/09/658,517C
CURRENT FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Construct
US-09-658-517C-2

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
|||||
Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 451

US-09-418-804-1/c
Sequence 1, Application US/09418804A
Patent No. 6562959
GENERAL INFORMATION:

APPLICANT: CHERIF, Dorra
TITLE OF INVENTION: FLUORESCENT PROBES FOR CHROMOSOME PAINTING
FILE REFERENCE: GENSET.069AUS
CURRENT APPLICATION NUMBER: US/09/418,804A
CURRENT FILING DATE: 1999-10-15
EARLIER APPLICATION NUMBER: FR 98/12957
EARLIER FILING DATE: 1998-10-15
NUMBER OF SEQ ID NOS: 3
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: primer PCR Alu
US-09-418-804-1

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAAGTGG 2141
|||||

Db 20 CCCAGGCTGGAGTGCACGTGG 1

RESULT 452

US-09-679-299A-70
; Sequence 70, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-70

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2340 CCAAGTGTGGGATTACAG 2359

Db 1 CCAAGTGTGGGATTACAG 20

RESULT 453

US-09-334-130-7/c
; Sequence 7, Application US/09334130
; Patent No. 6656730
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Drug-Conjugated Oligomeric Compounds
; FILE REFERENCE: ISIS3758
; CURRENT APPLICATION NUMBER: US/09/334,130
; CURRENT FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6656730e1
US-09-334-130-7

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714

Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 454

US-09-956-279-3/c
; Sequence 3, Application US/09956279
; Patent No. 6761883
; GENERAL INFORMATION:
; APPLICANT: Weissman, Irving L.
; APPLICANT: Traver, David Jeffrey
; APPLICANT: Akashi, Koichi
; TITLE OF INVENTION: MAMMALIAN MYELOID PROGENITOR CELL
SUBSETS

; FILE REFERENCE: STAN126CIP
; CURRENT APPLICATION NUMBER: US/09/956,279
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 09/607,529
; PRIOR FILING DATE: 2000-06-29
; PRIOR APPLICATION NUMBER: 60/141,421
; PRIOR FILING DATE: 1999-06-29
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-956-279-3

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363

Db 20 AGTGCTGGGATTACAGGCAT 1

RESULT 455

US-09-594-387-7/c
; Sequence 7, Application US/09594387
; Patent No. 6762169
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Ligand-Conjugated Oligomeric Compounds
; FILE REFERENCE: ISIS4390
; CURRENT APPLICATION NUMBER: US/09/594,387
; CURRENT FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: USSN 09/334,130
; PRIOR FILING DATE: 1999-06-15
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: No. 6762169e1 Sequence
US-09-594-387-7

Query Match 0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714

Db 20 TTTCATGTGCAAGAAGCT 1

RESULT 456

US-09-949-474A-2/c
; Sequence 2, Application US/09949474A
; Patent No. 6762281
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Guzaev, Andrei P.
; TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds
; FILE REFERENCE: ISIS4850
; CURRENT APPLICATION NUMBER: US/09/949,474A
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/658,517
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-949-474A-2

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 457
US-09-949-474A-21/c
; Sequence 21, Application US/09949474A
; Patent No. 6762281
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds
; FILE REFERENCE: ISIS4850
; CURRENT APPLICATION NUMBER: US/09/949,474A
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/658,517
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-09-949-474A-21

Query Match          0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTGCAAGAAGCT 1

RESULT 458
US-09-540-699-12/c
; Sequence 12, Application US/09540699
; Patent No. 6383752
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; OTHER INFORMATION: MDM2 mRNA
; NAME/KEY: misc_feature
; LOCATION: (21)..(26)
```

```
; OTHER INFORMATION: /note= "These bases are listed 3'-5' left to
; OTHER INFORMATION: right.."
; NAME/KEY: misc_feature
; LOCATION: (20)..(21)
; OTHER INFORMATION: /note= "3'-3' internucleotide linkage"
; NAME/KEY: misc_feature
; LOCATION: (8)
; OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
US-09-540-699-12

Query Match          0.8%; Score 20; DB 1; Length 26;
Best Local Similarity 95.2%; Pred. No. 3.1e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 674 TGTGAGTGAGAACAGGTGTCA 694
Db 21 TGTGAGTGAGAACNGGTGTCA 1

RESULT 459
US-09-480-718-26
; Sequence 26, Application US/09480718
; Patent No. 6407062
; GENERAL INFORMATION:
; APPLICANT: Sherr, Charles J
; APPLICANT: Quelle, Dawn E
; APPLICANT: Weber, Jason D.
; APPLICANT: Roussel, Martine F.
; APPLICANT: Frederique, Zindy
; TITLE OF INVENTION: ARF-19, A NOVEL REGULATOR OF THE MAMMALIAN CELL CYCLE
; FILE REFERENCE: 1340-1-023 CIP 1
; CURRENT APPLICATION NUMBER: US/09/480,718
; CURRENT FILING DATE: 2000-01-07
; EARLIER APPLICATION NUMBER: 09/129,855
; PRIOR FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer(sense)
US-09-480-718-26

Query Match          0.8%; Score 19.8; DB 1; Length 24;
Best Local Similarity 91.3%; Pred. No. 3.2e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 307 GGCAAAATGTGCAATACCAACATG 329
Db 2 GCATATGTGCAATACCAACATG 24

RESULT 460
US-09-347-114A-33/c
; Sequence 33, Application US/09347114A
; Patent No. 6297014
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rottler (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: P07 41878
; CURRENT APPLICATION NUMBER: US/09/347,114A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 26
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
US-09-347-114A-33

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2102 GACGAGCTTGTCTGTATTACCCAGG 2127
      ||||| ||||| ||||| ||||| |||||
Db 26 GACACAGTCTCGCTCAGTTACCCAGG 1

RESULT 461
US-09-427-104-7/c
; Sequence 7, Application US/094271104
; Patent No. 6506562
; GENERAL INFORMATION:
; APPLICANT: Sherman M. Weissman
; TITLE OF INVENTION: Allele Frequency Differences Method for Phenotype
; Cloning
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dr. Sherman M. Weissman
; Boyer Center for Molecular Medicine
; Yale University School of Medicine
; STREET: 295 Congress Avenue
; CITY: New Haven
; STATE: Connecticut
; COUNTRY: United States of America
; ZIP: 06536-0812
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" 1.44 Mb diskette
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Processing
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/427,104
; FILING DATE: 26-Oct-1999
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,512
; FILING DATE: 28-Oct-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Mary M. Krinsky
; REGISTRATION NUMBER: 32423
; REFERENCE/DOCKET NUMBER: OCR-816
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-773-9544
; TELEFAX: 203-772-0587
; INFORMATION FOR SEQ ID NO: 7
; SEQUENCE CHARACTERISTICS:
; LENGTH: 26 residues
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: <Unknown>
; DESCRIPTION: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-427-104-7

Query Match      0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 3.2e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2099 TGAGACGAGTCTGTCTGTATTACCC 2124
      ||||| ||||| ||||| ||||| |||||
Db 26 TGAGACGAGTCTGTCTGTGTGCGCC 1

RESULT 462
US-09-366-840-1/c
; Sequence 1, Application US/09366840
; Patent No. 6228345
```

```
; GENERAL INFORMATION:
; APPLICANT: Ossowski, Lilliana
; TITLE OF INVENTION: In Vivo Assay for Intravasation
; FILE REFERENCE: A32590 70165 0550
; CURRENT APPLICATION NUMBER: US/09/366,840
; CURRENT FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Human
; US-09-366-840-1

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2343 AAGTCTGGGATTACAGGCAT 2363
      ||||| ||||| ||||| ||||| |||||
Db 21 AAGTCTGGGATTACAGGCAT 1

RESULT 463
US-09-233-086-61
; Sequence 61, Application US/09233086
; Patent No. 6337192
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: MMSC1 - An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC1 Gene
; CURRENT APPLICATION NUMBER: US/09/233,086
; CURRENT FILING DATE: 1999-01-19
; EARLIER APPLICATION NUMBER: US 60/071,861
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 61
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:MMSC1 Primers
; US-09-233-086-61

Query Match      0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 3.5e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2110 CTGTCTCTGTATCCAGGCTG 2130
      ||||| ||||| ||||| ||||| |||||
Db 1 CTGTCTCTGTATCCAGGCTG 21

RESULT 464
US-08-670-479-11
; Sequence 11, Application US/08670479
; Patent No. 5973133
; GENERAL INFORMATION:
; APPLICANT: Hardy, John A.
; APPLICANT: Goate, Alison M.
; TITLE OF INVENTION: MUTANT S182 GENES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SmithKline Beecham Corporation
; STREET: 709 Swedeland Road
; CITY: King of Prussia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19406-0939
; COMPUTER READABLE FORM:
```

```

; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/670,479
; FILING DATE: 26-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/001,500
; FILING DATE: 18-JUL-1996
; APPLICATION NUMBER: 60/001,800
; FILING DATE: 02-AUG-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Han, William T
; REGISTRATION NUMBER: 34,344
; REFERENCE/DOCKET NUMBER: P50361
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 610-270-5219
; TELEFAX: 610-270-5090
; TELEX:
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-670-479-11

```

```

Query Match 0.8%; Score 19.2; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

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QY 2351 GGATTACAGGCGATGAGCCAC 2370
DB 1 GGATTACAGGCGATGAGCCAC 20

```

```

RESULT 465
US-08-927-219-122/c
; Sequence 122, Application US/08927219
; Patent No. 6187533
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisa
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Menzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/927,219

```

```

; FILING DATE: Concurrently Herewith
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,679
; FILING DATE: 30-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 122:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-927-219-122

```

```

Query Match 0.8%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 3.5e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 2099 TGAGACCGAGCTTGTCTCTGTAC 2122
DB 24 TGAGATGGAGCTTGTCTCTGTTC 1

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```

RESULT 466
US-08-629-939-10
; Sequence 10, Application US/08629939
; Patent No. 5645995
; GENERAL INFORMATION:
; APPLICANT: Kieback, Dirk G.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED
; TITLE OF INVENTION: RISK OF BREAST OR OVARIAN CANCER
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSER: SUGHRUE, MION, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
; CITY: Washington, D.C.
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/629,939
; FILING DATE: 12-APRIL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KIT, Gordon
; REGISTRATION NUMBER: 30,764
; REFERENCE/DOCKET NUMBER: A-6612
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

```



```

; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-629-939-10

Query Match      0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2342 AAAGTGCTGGGATTACAGG 2360
   |||||
Db 1 AAAGTGCTGGGATTACAGG 19

RESULT 467
US-08-759-873-10
; Sequence 10, Application US/08759873
; Patent No. 5683885
; GENERAL INFORMATION:
; APPLICANT: Kieback, Dirk G.
; TITLE OF INVENTION: METHODS FOR DIAGNOSING AN INCREASED RISK
; TITLE OF INVENTION: OF BREAST OR OVARIAN CANCER
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SUGHRUE, MIOM, ZINN, MACPEAK & SEAS
; STREET: 2100 Pennsylvania Avenue, N.W., Suite 800
; CITY: Washington, D.C.
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/759,873
; FILING DATE: 12-APRIL-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: KIT, Gordon
; REGISTRATION NUMBER: 30,764
; REFERENCE/DOCKET NUMBER: A-6612
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 293-7060
; TELEFAX: (202) 293-7860
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHETICAL: NO
US-08-759-873-10

Query Match      0.8%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2342 AAAGTGCTGGGATTACAGG 2360
   |||||
Db 1 AAAGTGCTGGGATTACAGG 19

RESULT 468
US-08-741-406-8/c
; Sequence 8, Application US/08741406
; Patent No. 5721118
; GENERAL INFORMATION:
; APPLICANT: Scheffler, Immo E.
; TITLE OF INVENTION: Mammalian Artificial Chromosomes and
; TITLE OF INVENTION: Methods of Using Same
; NUMBER OF SEQUENCES: 16

```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/741,406
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/550,717
; FILING DATE: 31-OCT-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-UD 2317
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-741-406-8

Query Match      0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2265 GTAGACAGAGGTTTCACC 2283
   |||||
Db 20 GTAGACAGAGGTTTCACC 2

RESULT 469
US-09-024-472-8/c
; Sequence 8, Application US/09024472
; Patent No. 6133503
; GENERAL INFORMATION:
; APPLICANT: Scheffler, Immo E.
; TITLE OF INVENTION: Mammalian Artificial Chromosomes and
; TITLE OF INVENTION: Methods of Using Same
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/024,472
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/741,406
; FILING DATE:
; APPLICATION NUMBER: US 08/550,717
; FILING DATE: 31-OCT-1995

```

ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-UD 2317
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRADEDNESS: single
TOPOLOGY: linear
US-09-024-472-8

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2265 GTAGAGACAGGGTTTCACC 2283
Db 20 GTAGAGACAGGGTTTCACC 2

RESULT 470
US-09-540-699-23/c
Sequence 23, Application US/09540699
Patent No. 6383752
GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir
APPLICANT: Kandimala, Ekambar R.
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
FILE REFERENCE: 99,128-B
CURRENT APPLICATION NUMBER: US/09/540,699
CURRENT FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: US 60/127,138
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: US 60/174,642
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
OTHER INFORMATION: that is complementary to a portion of the human
OTHER INFORMATION: MDM2 mRNA
NAME/KEY: misc_feature
LOCATION: (19)
OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
US-09-540-699-23

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 677 GAGTGAGAACAGGTGTTCACC 696
Db 20 GAGTGAGAACAGGTGTTCACC 1

RESULT 471
US-09-540-699-24/c
Sequence 24, Application US/09540699
Patent No. 6383752
GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir
APPLICANT: Kandimala, Ekambar R.
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
FILE REFERENCE: 99,128-B
CURRENT APPLICATION NUMBER: US/09/540,699

CURRENT FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: US 60/127,138
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: US 60/174,642
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
OTHER INFORMATION: that is complementary to a portion of the human
OTHER INFORMATION: MDM2 mRNA
NAME/KEY: misc_feature
LOCATION: (18)
OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
US-09-540-699-24

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 676 TGAGTGAGAACAGGTGTTCAC 695
Db 20 TGAGTGAGAACAGGTGTTCAC 1

RESULT 472
US-09-540-699-25/c
Sequence 25, Application US/09540699
Patent No. 6383752
GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir
APPLICANT: Kandimala, Ekambar R.
TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
FILE REFERENCE: 99,128-B
CURRENT APPLICATION NUMBER: US/09/540,699
CURRENT FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: US 60/127,138
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: US 60/174,642
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
OTHER INFORMATION: that is complementary to a portion of the human
OTHER INFORMATION: MDM2 mRNA
NAME/KEY: misc_feature
LOCATION: (16)
OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
US-09-540-699-25

Query Match 0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 674 TGTGAGTGAGAACAGGTGTTC 693
Db 20 TGTGAGTGAGAACAGGTGTTC 1

RESULT 473
US-09-540-699-26/c
Sequence 26, Application US/09540699
Patent No. 6383752
GENERAL INFORMATION:

```

; APPLICANT: Agrawal, Sudhir
; APPLICANT: Kandimalia, Ekambar R.
; TITLE OF INVENTION: Pseudo-Cyclic Oligonucleobases
; FILE REFERENCE: 99,128-B
; CURRENT APPLICATION NUMBER: US/09/540,699
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US 60/127,138
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: US 60/174,642
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Oligonucleotide
; OTHER INFORMATION: that is complementary to a portion of the human
; NAME/KEY: misc feature
; LOCATION: (14)
; OTHER INFORMATION: /note= "n represents 5-DABCYL-thymidine"
US-09-540-699-26

Query Match          0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 672 TCTGTGAGTGAGAACAGGTG 691
      ||||| ||||| ||||| |||||
Db 20 TCTGTGNGTGAGAACAGGTG 1

RESULT 474
US-09-705-299-17/c
; Sequence 17, Application US/09705299
; Patent No. 6440737
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Susan M. Preier
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR APOPTOSIS SUSCEPTIBILITY GENE
; FILE REFERENCE: RTS-0174
; CURRENT APPLICATION NUMBER: US/09/705,299
; CURRENT FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-705-299-17

Query Match          0.8%; Score 19; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.8e+02;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTGTCTGGGA 2353
      ||||| ||||| ||||| |||||
Db 19 GCCTCCCAAGTGTCTGGGA 1

RESULT 475
US-08-599-252-35/c
; Sequence 35, Application US/08599252
; Patent No. 5705343
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIRKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.

```

```

; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,252
; FILING DATE: 09-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELEPHONE: (202) 887-1500
; TELEFAX: (202) 887-0763
; TELEX: 90-4030
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-599-252-35

Query Match          0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTGGAGT 2134
      ||||| ||||| ||||| |||||
Db 22 GCTCTATTGCCAGGCTGGAGT 1

RESULT 476
US-08-599-252-38/c
; Sequence 38, Application US/08599252
; Patent No. 5705343
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GNIRKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,252

```


APPLICANT: FEDER, JOHN N.
 APPLICANT: GNIKEL, ANDREAS
 APPLICANT: KIMMEL, BRUCE E.
 APPLICANT: THOMAS, WINSTON J.
 APPLICANT: WOLFF, ROGER K.
 TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
 DISEASES OF THE HEMATOPOIETIC SYSTEM
 NUMBER OF SEQUENCES: 124
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: MORRISON & FOERSTER
 STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
 CITY: Washington
 STATE: DC
 COUNTRY: USA
 ZIP: 20006-1888
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: PCT/US96/06352
 FILING DATE:
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/599,1252
 FILING DATE: 09-FEB-1996
 ATTORNEY/AGENT INFORMATION:
 NAME: MURASHIGE, KATE H.
 REGISTRATION NUMBER: 29,959
 REFERENCE/DOCKET NUMBER: 9053-0001.21
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (202) 887-1500
 TELEFAX: (202) 887-0763
 TELEEX: 90-4030
 INFORMATION FOR SEQ ID NO: 35:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 22 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 PCT-US96-06352-35

```
Query Match          0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/06352
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,252
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US96-06352-38

Query Match      0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2113  GCTCTGTATCCACGCTGGAGT 2134
          ||||| ||||| ||||| |||||
Db      22    GCTCTATTGCCAGGCTGGAGT 1

RESULT 481
PCT-US96-06583-35/c
; Sequence 35, Application PC/TUS9606583
; GENERAL INFORMATION:
; APPLICANT: DRAYNA, DENNIS T.
; APPLICANT: FEDER, JOHN N.
; APPLICANT: GINKKE, ANDREAS
; APPLICANT: KIMMEL, BRUCE E.
; APPLICANT: THOMAS, WINSTON J.
; APPLICANT: WOLFF, ROGER K.
; TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
; TITLE OF INVENTION: HEMOCHROMATOSIS
; NUMBER OF SEQUENCES: 124
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20006-1888
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/06583
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/599,252
; FILING DATE: 09-FEB-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: MURASHIGE, KATE H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 9053-0001.21
; TELECOMMUNICATION INFORMATION:

```

TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US96-06583-35

Query Match 0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTGGAGT 2134
||||| ||| ||||| ||||| |||||
Db 22 GCTCTATTGCCAGGCTGGAGT 1

RESULT 482
PCT-US96-06583-38/c
Sequence 38, Application PC/TUS9606583
GENERAL INFORMATION:
APPLICANT: DRAYNA, DENNIS T.
APPLICANT: FEDER, JOHN N.
APPLICANT: GNIRKE, ANDREAS
APPLICANT: KIMMEL, BRUCE E.
APPLICANT: THOMAS, WINSTON J.
APPLICANT: WOLFF, ROGER K.
TITLE OF INVENTION: METHOD TO DIAGNOSE HEREDITARY
NUMBER OF SEQUENCES: 124
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 2000 Pennsylvania Ave. N.W., Suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US96/06583
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/599,252
FILING DATE: 09-FEB-1996
ATTORNEY/AGENT INFORMATION:
NAME: MURASHIGE, KATE H.
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 9053-0001.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 887-1500
TELEFAX: (202) 887-0763
TELEX: 90-4030
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
PCT-US96-06583-38

Query Match 0.8%; Score 18.8; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 3.8e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2113 GCTCTGTTACCCAGGCTGGAGT 2134

Db 22 GCTCTATTGCCAGGCTGGAGT 1
||||| ||| ||||| ||||| |||||

RESULT 483
US-08-031-143B-25
Sequence 25, Application US/08031143B
Patent No. 5518880
GENERAL INFORMATION:
APPLICANT: LEONARD, WARREN J.; NOGUCHI, MASAYUKI;
APPLICANT: MCERIDE, O. WESLEY
TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND
TREATMENT OF XSCID
NUMBER OF SEQUENCES: 76
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN
STREET: 345 PARK AVE.
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
ZIP: 10154
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WORD PERFECT # 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/031,143B
FILING DATE: 12-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: WILLIAM S. FEILER
REGISTRATION NUMBER: 26,728
REFERENCE/DOCKET NUMBER: 2026-4061
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-758-4800
TELEFAX: 212-751-6849
TELEX: 421792
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGLE
TOPOLOGY: UNKNOWN
MOLECULE TYPE:
DESCRIPTION: OLIGONUCLEOTIDE
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: HUMAN
INDIVIDUAL ISOLATE: IL-2R
US-08-031-143B-25

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGATGAGCCACCG 2372
||||| ||||| ||||| ||||| |||||
Db 1 ATTACAGATGAGCCACCG 20

RESULT 484
US-08-222-177A-341
Sequence 341, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
(dC-dA)n (dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dewitt Ross & Stevens, S.C.

STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222,177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:
NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 341:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd107p1
US-08-222-177A-341
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATTACA 2358
Db 1 CCCAAAGTCTGGGATTACA 20
|||||

RESULT 485
US-08-821-70
Sequence 70, Application US/08588821
Patent No. 5712097
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/588,821
FILING DATE: 19-JAN-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-915-214-70
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

REFERENCE/DOCKET NUMBER: 07265/079001
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-588-821-70
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGATTTC 20
|||||

RESULT 486
US-08-915-214-70
Sequence 70, Application US/08915214
Patent No. 5814457
GENERAL INFORMATION:
APPLICANT: Kern, Scott E.
TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/915,214
FILING DATE: 20-AUG-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/588,821
FILING DATE: 19-JAN-1996
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/079001
TELEPHONE: 619/678-5070
TELEFAX: 619/678-5099
INFORMATION FOR SEQ ID NO: 70:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-915-214-70
Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAAGTCTGGGATTAC 2357
Db 1 TCCCAAAGTCTGGGATTTC 20
|||||

```
RESULT 487
US-09-005-532-70
; Sequence 70, Application US/09005532
; Patent No. 5955292
; GENERAL INFORMATION:
; APPLICANT: Kern, Scott E.
; APPLICANT: Hahn, Stephan A.
; TITLE OF INVENTION: NOVEL TUMOR SUPPRESSOR GENE, DPC4
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/005,532
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/588,821
; FILING DATE: 19-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/079001
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 70:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-005-532-70

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2338 TCCCAAGTCTGGGATTAC 2357
Db 1 TCCCAAGTCTGGGATTTC 20

RESULT 488
US-09-280-805-27/c
; Sequence 27, Application US/09280805
; Patent No. 6184212
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
```

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; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PC
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/280,805
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/048,810
; FILING DATE: March 26, 1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0346
; TELEPHONE: 609-810-1515
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
US-09-280-805-27

Query Match 0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAGCT 1714
Db 20 TTTACATGTGTAAGAAGCT 1

RESULT 489
US-08-430-225A-12
; Sequence 12, Application US/08430225A
; Patent No. 6204000
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; APPLICANT: J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; TITLE OF INVENTION: GENE THERAPY USING REAGENTS DERIVED FROM THE
; TITLE OF INVENTION: HUMAN METASTASIS SUPPRESSOR GENE KAI1
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/430,225A
; FILING DATE: 28-APR-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: RICHARD W. BORK
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4172
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 751-6849
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
```



```
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-430-225A-12

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTGCACCATTCCTCGCCT 2198
Db 1 TTACACCATTCCTCGCCT 20

RESULT 490
US-09-048-810-27/c
; Sequence 27, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: NO
US-09-048-810-27

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1695 TTTCATGTGCAAGAAGCT 1714
Db 20 TTTCATGTGTAAGAAGCT 1

RESULT 491
US-09-556-031-18
; Sequence 18, Application US/09556031
; Patent No. 6350868
; GENERAL INFORMATION:
; APPLICANT: Weston, Brent W.
; APPLICANT: Hiller, Kara B.
```

```
; TITLE OF INVENTION: Antisense Fucosyltransferase Sequences and Methods of
; TITLE OF INVENTION: Use Thereof
; FILE REFERENCE: Weston and Hiller
; CURRENT APPLICATION NUMBER: US/09/556,031
; CURRENT FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/131,068
; PRIOR FILING DATE: 1999-04-26
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:antisense
; OTHER INFORMATION: oligonucleotide
US-09-556-031-18

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2305 ATCTCTGACCTCGTGATCC 2324
Db 1 ATCTCTGACCTGTGATCC 20

RESULT 492
US-09-733-294A-82
; Sequence 82, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 82
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-82

Query Match      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATCA 2365
Db 1 TGCTGGGATTACAGGCATCA 20

RESULT 493
US-10-172-911-80
; Sequence 80, Application US/10172911
; Patent No. 6743909
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTEN12 EXPRESSION
; FILE REFERENCE: PTS-0016
; CURRENT APPLICATION NUMBER: US/10/172,911
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 80
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-172-911-80

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2120 TACCCAGGCTGGAGTGCACT 2139
Db 1 TCCCCAGGCTGGAGTGCACT 20

RESULT 494
US-09-795-380-12
; Sequence 12, Application US/09795380
; Patent No. 6756201
; GENERAL INFORMATION:
; APPLICANT: Dong, Jin-Tang; Barrett,
; J. Carl; Lamb, Patricia W.; Isaacs, John T.
; TITLE OF INVENTION: DIAGNOSTIC METHODS AND
; GENE THERAPY USING REAGENTS DERIVED FROM THE
; HUMAN METASTASIS SUPPRESSOR GENE KAI1
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
; STREET: 345 PARK AVENUE
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: MICROSOFT WORD 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/795,380
; FILING DATE: 27-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/232,507
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: RICHARD W. BORK
; REGISTRATION NUMBER: 36,459
; REFERENCE/DOCKET NUMBER: 2026-4172US1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 758-4800
; TELEFAX: (212) 751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 12:
US-09-795-380-12

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2179 TTCGCACCACTTCTCTGCCT 2198
Db 1 TTCACACCACTTCTCTGCCT 20

RESULT 495
PCT-US94-02891-25
```

```
; Sequence 25, Application PC/TUS9402891
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS
; REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN
; SERVICES
; APPLICANT: OFFICE OF TECHNOLOGY TRANSFER, NATIONAL
; APPLICANT: INSTITUTES OF HEALTH, BOX OTT, BETHESDA, MARYLAND 20892 USA
; TITLE OF INVENTION: METHODS FOR DIAGNOSIS AND TREATMENT OF
; TITLE OF INVENTION: XSCID
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORGAN & FINNEGAN
; STREET: 345 PARK AVE.
; CITY: NEW YORK
; STATE: NEW YORK
; COUNTRY: USA
; ZIP: 10154
; COMPUTER READABLE FORM:
; MEDIUM TYPE: FLOPPY DISK
; COMPUTER: IBM PC COMPATIBLE
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WORD PERFECT # 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/02891
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/031,143
; FILING DATE: 12-MAR-1993
; APPLICATION NUMBER: 08/121,435
; FILING DATE: 14-SEPT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: WILLIAM S. FEILER
; REGISTRATION NUMBER: 26,728
; REFERENCE/DOCKET NUMBER: 2026-4061
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-758-4800
; TELEFAX: 212-751-6849
; TELEX: 421792
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: UNKNOWN
; MOLECULE TYPE:
; DESCRIPTION: OLIGONUCLEOTIDE
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: HUMAN
; INDIVIDUAL ISOLATE: IL-2R
; PCT-US94-02891-25

Query Match          0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 4.1e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGGCATGAGCCACCG 2372
Db 1 ATTACAGCATGAGCCACCG 20

RESULT 496
US-09-104-497-1
; Sequence 1, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASLYLYK, Bohdan
; APPLICANT: TOCQUE, Bruno
; APPLICANT: ALKHALAF, Moussa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSION MDM2
; FILE REFERENCE: A2716A-US
```



```
; MOLECULE TYPE: DNA (genomic)
US-08-422-699A-13

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
|||||:|||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 502
US-08-422-706B-13
; Sequence 13, Application US/08422706B
; Patent No. 5977333
; GENERAL INFORMATION:
; APPLICANT: Brook, J. David
; APPLICANT: Housman, David E.
; APPLICANT: Shaw, Duncan J.
; APPLICANT: Harley, Helen G.
; APPLICANT: Johnson, Keith J.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; ZIP: 02713
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,706B
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/284,543
; FILING DATE: 08-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/023,612
; FILING DATE: 26-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/839,255
; FILING DATE: 20-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01545
; FILING DATE: 19-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/00253
; FILING DATE: 05-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB9202485.0
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MIT-5830A2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)

; MOLECULE TYPE: DNA (genomic)
US-08-422-706B-13

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
|||||:|||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 503
US-08-338-579A-1
; Sequence 1, Application US/08338579A
; Patent No. 6068975
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,579A
; FILING DATE: June 17, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; US-08-338-579A-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGCATGAGCCA 2369
|||||:|||||:|||||
Db 1 GGATTACAGGYRTGAGCCA 19

RESULT 504
US-09-078-294-1
; Sequence 1, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
```

```
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/078,294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-078-294-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19
|||||

RESULT 505
PCT-US94-09851-1
; Sequence 1, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
PCT-US94-09851-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19
|||||

RESULT 506
PCT-US94-09851-1
; Sequence 1, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Cooper & Dunham
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10112
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US94/09851
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-PCT
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 977-9550
; TELEFAX: (212) 664-0525
; TELEX: 422523 COOP UI
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
PCT-US94-09851-1

Query Match          0.8%; Score 18.2; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.2e+02;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 2351 GGATTACAGGATGAGCCA 2369
Db 1 GGATTACAGGATGAGCCA 19
|||||

RESULT 507
US-09-493-784-16/c
; Sequence 16, Application US/09493784
; Patent No. 6429011
; GENERAL INFORMATION:
; APPLICANT: Mackenzie, Alex E.
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Mahadevan, Mani S.
; APPLICANT: McLean, Michael
; APPLICANT: Roy, Natalie
; APPLICANT: Ikeda, Joh-e
; TITLE OF INVENTION: Neuronal Apoptosis Inhibitor Protein, Gene Sequence and
; TITLE OF INVENTION: Mutations Causative of Spinal Muscular Atrophy
; FILE REFERENCE: 3477-112, 033477/139914
; CURRENT APPLICATION NUMBER: US/09/493,784
; CURRENT FILING DATE: 2000-01-28
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-493-784-16

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACACCTGGCTAA 2249
Db 23 CATGTGCCAACACATCTGGCTAA 1
|||||

RESULT 507
US-09-493-784-16/c
; Sequence 16, Application US/09493784
; Patent No. 6429011
; GENERAL INFORMATION:
; APPLICANT: Mackenzie, Alex E.
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Mahadevan, Mani S.
; APPLICANT: McLean, Michael
; APPLICANT: Roy, Natalie
; APPLICANT: Ikeda, Joh-e
; TITLE OF INVENTION: Neuronal Apoptosis Inhibitor Protein, Gene Sequence and
; TITLE OF INVENTION: Mutations Causative of Spinal Muscular Atrophy
; FILE REFERENCE: 3477-112, 033477/139914
; CURRENT APPLICATION NUMBER: US/09/493,784
; CURRENT FILING DATE: 2000-01-28
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 16
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-493-784-16

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2227 CATCTGCCACACACCTGGCTAA 2249
Db 23 CATGTGCCAACACATCTGGCTAA 1
|||||
```

RESULT 508

US-09-544-398B-167
; Sequence 167, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; PRIORITY FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 167
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-167

Query Match 0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2259 CTTTGTAGACAGCGGTTTCA 2281
|||||
DB 1 CTTTGTAGACAGGTTCTCA 23

RESULT 509

US-09-018-584A-96/c
; Sequence 96, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 96

Query Match 0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCAGT 2139
|||||
DB 23 TATCACCAGGCTGGAGTGCAT 1

RESULT 511

US-09-156-253-30/c
; Sequence 30, Application US/09156253C
; Patent No. 6001652

; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-09-018-584A-96

Query Match 0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCAGT 2139
|||||
DB 23 TATCACCAGGCTGGAGTGCAT 1

RESULT 510

US-09-784-423-96/c
; Sequence 96, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 96:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 96

Query Match 0.8%; Score 18.2; DB 1; Length 24;
Best Local Similarity 87.0%; Pred. No. 4e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2117 TGTACCCAGGCTGGAGTGCAGT 2139
|||||
DB 23 TATCACCAGGCTGGAGTGCAT 1

GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowsett, Lex M.
TITLE OF INVENTION: Antisense Modulation of cREL Expression
FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156.253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 30
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-253-30

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2341 CAAAGTGTGGGATTACA 2358
|||||
DB 18 CAAAGTGTGGGATTACA 1

RESULT 512
US-08-859-167-9
Sequence 9, Application US/08859167
Patent No. 6037461
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/859,167
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGCTGG 2351
|||||
DB 1 GGCCTCCCAAGTGCTGG 18

RESULT 513
US-09-109-273-9
Sequence 9, Application US/09109273
Patent No. 6063760
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/109,273
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA

US-09-109-273-9
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGCTGG 2351
|||||
DB 1 GGCCTCCCAAGTGCTGG 18

RESULT 514
US-09-276-993-9
Sequence 9, Application US/09276993
Patent No. 6207801
GENERAL INFORMATION:
APPLICANT: Alnemri, Emad S.
APPLICANT: Fernandez-Alnemri, Teresa
TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
TITLE OF INVENTION: OF MAKING THE SAME
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:

ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 620780Iris
STREET: One Liberty Place, 46th floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: WINDOWS
SOFTWARE: WordPerfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/276,993
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/859,167
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Deluca, Mark
REGISTRATION NUMBER: 33,229
REFERENCE/DOCKET NUMBER: TJU-
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-276-993-9

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGCTGG 2351
Db 1 GGCCTCCCAAGTGCTGG 18

RESULT 515
US-09-723-450-9
; Sequence 9, Application US/09723450
; Patent No. 6576751
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: Padd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And Compositions For And Methods Of Making The Same
; FILE REFERENCE: TJU2445
; CURRENT APPLICATION NUMBER: US/09/723,450
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6576751el Sequence
US-09-723-450-9

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2334 GGCCTCCCAAGTGCTGG 2351
Db 1 GGCCTCCCAAGTGCTGG 18
RESULT 516
US-09-044-602-2/c
; Sequence 2, Application US/09044602
; Patent No. 6613750
; GENERAL INFORMATION:
; APPLICANT: Depinho, Robert A.
; TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
; FILE REFERENCE: 96700/469
; CURRENT APPLICATION NUMBER: US/09/044,602
; CURRENT FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for MDM2 mutant
US-09-044-602-2

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1271 CAGATGTTGGCCCTTCG 1288
Db 18 CAGATGTTGGCCCTTCG 1

RESULT 517
US-09-672-717-98/c
; Sequence 98, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-09-672-717-98

Query Match 0.8%; Score 18; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2189 TCTCTGCCTCAGCCTCC 2206
Db 19 TCTCTGCCTCAGCCTCC 2

RESULT 518
US-09-780-173A-18/c
; Sequence 18, Application US/09780173A
; Patent No. 6455307
; GENERAL INFORMATION:


```
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-133-629-2

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAAGCTC 2165
Db      21 ATCTGGCTCACTGCAAGCTC 1

RESULT 522
US-08-933-358-15/c
; Sequence 15, Application US/08933358
; Patent No. 6013444
; GENERAL INFORMATION:
; APPLICANT: Dau, Peter C.
; APPLICANT: Liu, Debang
; TITLE OF INVENTION: DNA BRACKETING LOCUS COMPATIBLE STANDARDS FOR
; FILE REFERENCE: 434001aa
; CURRENT APPLICATION NUMBER: US/08/933,358
; CURRENT FILING DATE: 1997-09-18
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PRIMER SEQUENCE
US-08-933-358-15

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2335 GCCTCCCAAGTCTGGATT 2355
Db      21 GCCTCCCAAGTGTGGATT 1

RESULT 523
US-08-445-515-23/c
; Sequence 23, Application US/08445515
; Patent No. 6043088
; GENERAL INFORMATION:
; APPLICANT: Bookstein, Robert
; APPLICANT: Isaacs, William B.
; TITLE OF INVENTION: A No. 6043088el Prostate/Colon Tumor Suppressor
; TITLE OF INVENTION: Gene Located on Human Chromosome 8
; NUMBER OF SEQUENCES: 59
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,515
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
```

```
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-CJ 1607
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 23:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-445-515-23

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2107 AGCTTGCTCTGTATCCAGG 2127
Db      21 AGCTCGCTCAGTTACCCAGG 1

RESULT 524
US-09-918-686-87/c
; Sequence 87, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepker, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; TITLE OF INVENTION: GENOMIC DELETIONS
; FILE REFERENCE: 240083.515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 87
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-87

Query Match      0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 4.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2312 GACCTGTCATCGCCACCT 2332
Db      21 GACCTGTGATCGCCCGCCT 1

RESULT 525
US-08-070-517-2/c
; Sequence 2, Application US/08070517
; Patent No. 5538869
; GENERAL INFORMATION:
; APPLICANT: Michael J. Siciliano
; APPLICANT: Pu Liu
; TITLE OF INVENTION: In-Situ Hybridization Probes for
; TITLE OF INVENTION: Identification and Banding of
; TITLE OF INVENTION: Specific Human Chromosomes and
; TITLE OF INVENTION: Regions
; NUMBER OF SEQUENCES: 5
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
```



```
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-08-422-699A-14

Query Match          0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
   |||||
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 528
US-08-422-706B-14/c
; Sequence 14, Application US/08422706B
; Patent No. 597733
; GENERAL INFORMATION:
; APPLICANT: Brook, J. David
; APPLICANT: Housman, David E.
; APPLICANT: Shaw, Duncan J.
; APPLICANT: Harley, Helen G.
; APPLICANT: Johnson, Keith J.
; TITLE OF INVENTION: DNA SEQUENCE ENCODING THE MYOTONIC
; TITLE OF INVENTION: DYSTROPHY GENE AND USES THEREOF
; NUMBER OF SEQUENCES: 14
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: US
; ZIP: 02713
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/422,706B
; FILING DATE: 14-APR-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/284,543
; FILING DATE: 08-AUG-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/023,612
; FILING DATE: 26-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/839,255
; FILING DATE: 20-FEB-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/01545
; FILING DATE: 19-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB93/00253
; FILING DATE: 05-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB9202485.0
; FILING DATE: 06-FEB-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: MIT-5830A2
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)
US-08-422-706B-14

Query Match          0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
   |||||
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 529
US-08-338-579A-2/c
; Sequence 2, Application US/08338579A
; Patent No. 6068975
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Cooper & Dunham
; STREET: 1185 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: United States of America
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/338,579A
; FILING DATE: June 17, 1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: White, John P.
; REGISTRATION NUMBER: 28,678
; REFERENCE/DOCKET NUMBER: 0575/44011-A-PCT-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (212) 278-0400
; TELEFAX: (212) 391-0525
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
US-08-338-579A-2

Query Match          0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
   |||||
Db 19 CAGGCTGGAGTGCARTGG 2

RESULT 530
PCT-US94-09851-2/c
; Sequence 2, Application PC/TUS9409851
; GENERAL INFORMATION:
; APPLICANT: Gilliam, T. Conrad
; APPLICANT: Tanzi, Rudolph E.
; TITLE OF INVENTION: ISOLATION AND USES OF A WILSON'S
; TITLE OF INVENTION: DISEASE GENE
```

NUMBER OF SEQUENCES: 92
CORRESPONDENCE ADDRESS:
ADDRESSER: Cooper & Dunham
STREET: 30 Rockefeller Plaza
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10112
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US94/09851
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: White, John P.
REGISTRATION NUMBER: 28,678
REFERENCE/DOCKET NUMBER: 0575/44011-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 977-9550
TELEFAX: (212) 664-0525
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
PCT-US94-09851-2

Query Match 0.7%; Score 17.6; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 4.6e+02;
Matches 17; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2124 CAGGCTGGAGTGCAGTGG 2141
|||||
Db 19 CAGGCTGGAGTGCAGTGG 2

RESULT 531
US-08-222-177A-330
Sequence 330, Application US/08222177A
Patent No. 5582979
GENERAL INFORMATION:
APPLICANT: Weber, James L.
TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
TITLE OF INVENTION: (dG-dA)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
NUMBER OF SEQUENCES: 460
CORRESPONDENCE ADDRESS:
ADDRESSER: Dewitt Ross & Stevens, S.C.
STREET: 8000 Excelsior Drive, Suite 401
CITY: Madison
STATE: Wisconsin
COUNTRY: USA
ZIP: 53717-1914
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/222.177A
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/341,562
FILING DATE: 21-APR-1989
ATTORNEY/AGENT INFORMATION:

NAME: Sara, Charles S.
REGISTRATION NUMBER: 30,492
REFERENCE/DOCKET NUMBER: 09865.601
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 831-2100
TELEFAX: (608) 831-2106
TELEX:
INFORMATION FOR SEQ ID NO: 330:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
IMMEDIATE SOURCE:
CLONE: mfd103p2
US-08-222-177A-330

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2331 CTCGGCTCCCAAGTGCT 2349
|||||
Db 1 CTCGGCTCCCAAGTGCT 19

RESULT 532
US-09-564-805-100/c
Sequence 100, Application US/09564805
Patent No. 6333403
GENERAL INFORMATION:
APPLICANT: Tavtigian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Susceptibility
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: US/09/564,805
CURRENT FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR FILING DATE: 1998-11-06
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 100
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-09-564-805-100

Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2196 CCTCAGCCTCCCAATTAGC 2214
|||||
Db 19 CCTCAGCCTCCCAATTAGC 1

RESULT 533
US-09-091-952A-86/c
Sequence 86, Application US/09091952A
Patent No. 6458532
GENERAL INFORMATION:
APPLICANT: Detera-Wadleigh, Sevilla D.
Gershon, Elliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.

```
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa E.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091.952A
; FILING DATE: 19-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 86:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURES:
; NAME/KEY: -
; LOCATION: 1...19
; OTHER INFORMATION: D18S378 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 86:
US-09-091-952A-86
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGCT 2129
Db 19 TTGCTCTGTACCCAGCT 1

RESULT 534
US-09-404-912-3/c
; Sequence 3, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
```

```
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; ORGAN: 404-912-3
US-09-404-912-3
Query Match 0.7%; Score 17.4; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2144 GATCTTGGCTCACTGCAAG 2162
Db 19 GATCTGCGCTCACTGCAAG 1

RESULT 535
US-08-222-177A-351/c
; Sequence 351, Application US/08222177A
; Patent No. 5582979
; GENERAL INFORMATION:
; APPLICANT: Weber, James L.
; TITLE OF INVENTION: LENGTH POLYMORPHISMS IN
; TITLE OF INVENTION: (dC-da)n.(dG-dT)n SEQUENCES AND METHODS OF USING SAME
; NUMBER OF SEQUENCES: 460
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Dewitt Ross & Stevens, S.C.
; STREET: 8000 Excelsior Drive, Suite 401
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53717-1914
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/222,177A
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/341,562
; FILING DATE: 21-APR-1989
; ATTORNEY/AGENT INFORMATION:
; NAME: Sara, Charles S.
; REGISTRATION NUMBER: 30,492
; REFERENCE/DOCKET NUMBER: 09865.601
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 831-2100
; TELEFAX: (608) 831-2106
; TELEX:
; INFORMATION FOR SEQ ID NO: 351:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; IMMEDIATE SOURCE:
; CLONE: mfd110p2
US-08-222-177A-351
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2233 CCACCACACCTGCTAATT 2251
Db 19 CCACCACACCTGCTAATT 1
```



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; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B. J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 286:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 286:
US-09-402-923A-286
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2146 TCTTGGCTCACTGCAAGCT 2164
|||||
Db 2 TCTTGGCTCACTGCAACCT 20

RESULT 540
US-09-574-779B-30
; Sequence 30, Application US/09574779B
; Patent No. 6767720
; GENERAL INFORMATION:
; APPLICANT: VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOL
; TITLE OF INVENTION: No. 6767720el cDNAs encoding catenin-binding proteins with
; TITLE OF INVENTION: function in signalling and/or gene regulation
; FILE REFERENCE: 2676-4415US
; CURRENT APPLICATION NUMBER: US/09/574,779B
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: 99201543.8
; PRIOR FILING DATE: 1999-05-17
; NUMBER OF SEQ ID NOS: 158
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer FVR510F
US-09-574-779B-30
Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2347 GCTGGGATTACAGCATGA 2365
|||||
```

Db 1 GCTGGGATTACAGCGCTGA 19

RESULT 541

US-09-544-398B-582/c
; Sequence 582, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 582
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-582

Query Match 0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2106 GAGTCTTGCTCTCTTACCC 2124

Db 19 GAGTCTTGCTCTCTCACCC 1

RESULT 542

US-08-781-891-28/c
; Sequence 28, Application US/08781891
; Patent No. 6090620
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; APPLICANT: Yu, Chang-En
; APPLICANT: Oshima, Junko
; APPLICANT: Mulligan, John T.
; APPLICANT: Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; TITLE OF INVENTION: WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/781,891
; FILING DATE: 27-DEC-1996
; CLASSIFICATION: 800
; ATTORNEY/AGENT INFORMATION:
; NAME: No. 6090620tenburg Ph.D., Carol
; REGISTRATION NUMBER: 39,317
; REFERENCE/DOCKET NUMBER: 240052.419
; TELECOMMUNICATION INFORMATION:

```

; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-781-891-28

Query Match          0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTG 2312
DB 21 GGATGGTCTCGAACTCTG 3

RESULT 543
US-09-618-166-28/c
; Sequence 28, Application US/09618166
; Patent No. 6583112
; GENERAL INFORMATION:
; APPLICANT: Fu, Ying-Hui
; Oshima, Junko
; Mulligan, John T.
; Schellenberg, Gerald D.
; TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO
; WERNER'S SYNDROME
; NUMBER OF SEQUENCES: 209
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed Intellectual Property Law Group
; STREET: 701 Fifth Avenue, Suite 6300
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/618,166
; FILING DATE: 17-Jul-2000
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 240052.419C1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-09-618-166-28

Query Match          0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2294 GGATGGTCTCGATCTCTG 2312
DB 21 GGATGGTCTCGAACTCTG 3

```

```

RESULT 544
US-08-133-629-4/c
; Sequence 4, Application US/08133629
; Patent No. 5597694
; GENERAL INFORMATION:
; APPLICANT: Munroe, David J.
; APPLICANT: Housman, David E.
; TITLE OF INVENTION: AMPLIFICATION OF NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: United States of America
; ZIP: 02210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/133,629
; FILING DATE: 07-OCT-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Greer, Helen
; REGISTRATION NUMBER: 36,816
; REFERENCE/DOCKET NUMBER: M0828/7001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX: 92-1742 EZEKIEL
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-133-629-4

Query Match          0.7%; Score 17.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 4.8e+02;
Matches 16; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2100 GAGACCGAGTCTTGCTCTGT 2119
DB 20 GAGAYRGAGTCTYRCTCTGT 1

RESULT 545
US-08-837-302-1/c
; Sequence 1, Application US/08837302
; Patent No. 5968741
; GENERAL INFORMATION:
; APPLICANT: Plevy, Scott E.
; APPLICANT: Targan, Stephan R.
; TITLE OF INVENTION: Methods of Diagnosing a Medically
; Resistant Clinical Subtype of Ulcerative Colitis
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: United States
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/08/837,302
FILING DATE: 11-APR-1997
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 2502
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-837-302-1

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGC 2136
||||| |||||||||
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 546
US-08-798-668-1/c
Sequence 1, Application US/08798668
Patent No. 6001569
GENERAL INFORMATION:
APPLICANT: PLEVY M.D., SCOTT E
APPLICANT: ROTTER M.D., JEROME I
APPLICANT: TARGAN M.D., STEPHAN R
APPLICANT: TOYODA Ph.D., HIROO
APPLICANT: YANG M.D., HUIYING
TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S
DISEASE USING TNF MICROSATELLITE ALLELES
NUMBER OF SEQUENCES: 10
CORRESPONDENCE ADDRESS:
ADDRESSEE: PRETTY, SCHROEDER, BRUEGEMANN & CLARK
STREET: 444 SOUTH FLOWER STREET, SUITE 2000
CITY: LOS ANGELES
STATE: CALIFORNIA
COUNTRY: USA
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/798,668
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/245,297
FILING DATE: 17-MAY-1994
ATTORNEY/AGENT INFORMATION:
NAME: WHITEFORD, WENDY A
REGISTRATION NUMBER: 36,964
REFERENCE/DOCKET NUMBER: P07 32313
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-4442
TELEFAX: (213) 489-4210
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

US-08-798-668-1

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGC 2136
||||| |||||||||
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 547
US-08-855-825-1/c
Sequence 1, Application US/08855825
Patent No. 6183951
GENERAL INFORMATION:
APPLICANT: Plevy, Scott E.
Targan, Stephan R.
Taylor, Kent
Barry, Mary J.
TITLE OF INVENTION: Methods of Diagnosing Clinical Subtypes
of Crohn's Disease with Characteristic Responsiveness to
Anti-Th1 Cytokine Therapy
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Campbell & Flores LLP
STREET: 4370 La Jolla Village Drive, Suite 700
CITY: San Diego
STATE: California
COUNTRY: United States
ZIP: 92122
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/855,825
FILING DATE: 12-May-1997
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Campbell, Cathryn A.
REGISTRATION NUMBER: 31,815
REFERENCE/DOCKET NUMBER: P-PM 2591
TELECOMMUNICATION INFORMATION:
TELEPHONE: (619) 535-9001
TELEFAX: (619) 535-8949
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-08-855-825-1

Query Match 0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGTGC 2136
||||| |||||||||
Db 22 TCTGTGGCCTAGGCTGGAGTGC 1

RESULT 548
US-09-395-345-28/c
Sequence 28, Application US/09395345
Patent No. 6376176
GENERAL INFORMATION:
APPLICANT: Taylor, Kent D.
APPLICANT: Rotter, Jerome I.
APPLICANT: Yang, Huiying

```
; TITLE OF INVENTION: Methods of Using A Major Histocompatibility Complex
; TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease
; FILE REFERENCE: P-CR 3639
; CURRENT APPLICATION NUMBER: US/09/395,345
; CURRENT FILING DATE: 1999-09-13
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 28
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-395-345-28

Query Match          0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCAGGCTGGAGTGC 2136
      ||||| ||||| ||||| ||||| |||||
Db 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 549
US-09-419-406-1/c
; Sequence 1, Application US/09419406
; Patent No. 6534263
; GENERAL INFORMATION:
; APPLICANT: PLEVY, SCOTT B.
; APPLICANT: ROTTGER, JEROME I.
; APPLICANT: TARGAN, STEPHAN R.
; APPLICANT: TOYODA, HIROO
; APPLICANT: YANG, HUIYING
; TITLE OF INVENTION: METHODS OF SCREENING FOR CROHN'S DISEASE
; TITLE OF INVENTION: USING TNF MICROSATELLITE ALLELES
; FILE REFERENCE: 28100010US02
; CURRENT APPLICATION NUMBER: US/09/419,406
; CURRENT FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: 08/798,668
; PRIOR FILING DATE: 1997-02-11
; PRIOR APPLICATION NUMBER: 08/245,297
; PRIOR FILING DATE: 1994-05-17
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: (genomic)
US-09-419-406-1

Query Match          0.7%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 4.6e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCAGGCTGGAGTGC 2136
      ||||| ||||| ||||| ||||| |||||
Db 22 TCTGTGGCTAGGCTGGAGTGC 1

RESULT 550
US-08-635-820A-2/c
; Sequence 2, Application US/08635820A
; Patent No. 5817462
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE FLUOROPHORES FOR
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Robert Sheinbein
; STREET: 2940 Birchtree lane
; CITY: Silver Spring
; STATE: Maryland
```

```
; COUNTRY: United States of America
; ZIP: 20906
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2.
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/635,820A
; FILING DATE: 22-Apr-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedmam, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-635-820A-2

Query Match          0.7%; Score 17; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAG 2138
      ||||| ||||| ||||| |||||
Db 17 CCCAGGCTGGAGTGCAG 1

RESULT 551
US-09-100-104-2/c
; Sequence 2, Application US/09100104
; Patent No. 6066459
; GENERAL INFORMATION:
; APPLICANT: YUVAL GARINI ET AL.
; TITLE OF INVENTION: METHOD FOR SIMULTANEOUS DETECTION OF MULTIPLE
; TITLE OF INVENTION: FLUOROPHORES FOR IN SITU HYBRIDIZATION AND
; TITLE OF INVENTION: MULTICOLOR CHROMOSOME PAINTING AND BANDING
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Mark M. Friedman c/o Anthony Castorina
; STREET: 20001 Jefferson Davis Highway, Suite 207
; CITY: Arlington
; STATE: Virginia
; COUNTRY: United States of America
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 1.44 megabyte, 3.5" microdisk
; COMPUTER: Twinhead* Slimnote-890TX
; OPERATING SYSTEM: MS DOS version 6.2,
; OPERATING SYSTEM: Windows version 3.11
; SOFTWARE: Word for Windows version 2.0
; SOFTWARE: converted to ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/100,104
```

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;
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/107,673
; FILING DATE: 18-Aug-93
; APPLICATION NUMBER: 08/392,019
; FILING DATE: 21-Feb-95
; APPLICATION NUMBER: 08/571,047
; FILING DATE: 12-Dec-95
; APPLICATION NUMBER: 08/575,191
; FILING DATE: 20-Dec-95
; APPLICATION NUMBER: 08/635,820
; FILING DATE: 22-Apr-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Friedman, Mark M.
; REGISTRATION NUMBER: 33,883
; REFERENCE/DOCKET NUMBER: 205/15
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 972-3-5625553
; TELEFAX: 972-3-5625554
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-100-104-2
;
; Query Match 0.7%; Score 17; DB 1; Length 17;
; Best Local Similarity 100.0%; Pred. No. 5.1e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2122 CCCAGGCTGGAGTGCAG 2138
Db 17 CCCAGGCTGGAGTGCAG 1
;
; RESULT 552
; US-09-038-637-155/c
; Sequence 155, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/038,637
; FILING DATE: 10-MAR-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
;
```

```
;
; INFORMATION FOR SEQ ID NO: 155:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; US-09-038-637-155
;
; Query Match 0.7%; Score 17; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 4.9e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2125 AGGCTGGAGTGCAGTGG 2141
Db 20 AGGCTGGAGTGCAGTGG 4
;
; RESULT 553
; US-09-487-445-94/c
; Sequence 94, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-487-445-94
;
; Query Match 0.7%; Score 17; DB 1; Length 20;
; Best Local Similarity 100.0%; Pred. No. 4.9e+02;
; Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2125 AGGCTGGAGTGCAGTGG 2141
Db 20 AGGCTGGAGTGCAGTGG 4
;
; RESULT 554
; US-08-849-701-12
; Sequence 12, Application US/08849701
; Patent No. 5922544
; GENERAL INFORMATION:
; APPLICANT: Miyai, Kiyoshi
; APPLICANT: Naitoh, Tsutomu
; APPLICANT: Yonekawa, Toshihiro
; TITLE OF INVENTION: Method of Cell Detection
; NUMBER OF SEQUENCES: 12
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 620 Newport Center Drive 16th Floor
; CITY: Newport Beach
; STATE: CA
; COUNTRY: U.S.A.
; ZIP: 92660
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/849,701
; FILING DATE:
; CLASSIFICATION: 435
;
```

```

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP95/02734
; FILING DATE: 27-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: EIKEN1.001APC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-849-701-12

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCCTCC 2206
      ||||| ||||| ||||| |||||
Db 1 ATTCTCTGCTCAGCCCTCC 20

RESULT 555
US-08-837-201C-25
; Sequence 25, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-837-201C-25

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP95/02734
; FILING DATE: 27-DEC-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Altman, Daniel E
; REGISTRATION NUMBER: 34,115
; REFERENCE/DOCKET NUMBER: EIKEN1.001APC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-760-0404
; TELEFAX: 714-760-9502
; TELEX:
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-849-701-12

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCTCAGCCCTCC 2206
      ||||| ||||| ||||| |||||
Db 1 ATTCTCTGCTCAGCCCTCC 20

RESULT 555
US-08-837-201C-25
; Sequence 25, Application US/08837201C
; Patent No. 5985558
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/837,201C
; FILING DATE: April 14, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0209
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-837-201C-25
```

```

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCGCTCCCAAG 2345
      || ||||| ||||| ||||| |||||
Db 1 CCTGCGCTCGGCGCTCCCAAG 20

RESULT 556
US-09-073-567-25/c
; Sequence 25, Application US/09073567
; Patent No. 6013786
; GENERAL INFORMATION:
; APPLICANT: Jiandong Chen
; APPLICANT: Sudhir Agrawal
; APPLICANT: Ruiwen Zhang
; TITLE OF INVENTION: MDM2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; NUMBER OF SEQUENCES: 49
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McDonnell Boenhen Hulbert & Berghoff
; STREET: 300 South Wacker Drive, 32nd Floor
; CITY: Chicago
; STATE: IL
; COUNTRY: United States of America
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Microsoft Word 97
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/073,567
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Greenfield, Michael S.
; REGISTRATION NUMBER: 37,147
; REFERENCE/DOCKET NUMBER: 98,057-A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 913-0001
; TELEFAX: (312) 913-0002
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: nucleic acid
; HYPOTHETICAL: NO
; ANTI-SENSE: YES
; US-09-073-567-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 675 GTGAGTGAGAACAGGTGTCA 694
      ||||| ||||| ||||| |||||
Db 20 GTGAGTAAGAACAGGTGTCA 1

RESULT 557
US-09-357-073-12
; Sequence 12, Application US/09357073
; Patent No. 6033910
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MAP KINASE KINASE 6 EXPRESSION
; FILE REFERENCE: RTS-0086
; CURRENT APPLICATION NUMBER: US/09/357,073
```

; CURRENT FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

US-09-357-073-12

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 875 TATTCCCTTCCTTCGATG 894

Db 1 TTTTCCCTTCCTTCGATG 20

RESULT 558

US-09-358-384-38/c
; Sequence 38, Application US/09358384

; Patent No. 6130088

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION

; FILE REFERENCE: RTS-0083

; CURRENT APPLICATION NUMBER: US/09/358,384

; CURRENT FILING DATE: 1999-07-21

; NUMBER OF SEQ ID NOS: 47

; SEQ ID NO 38

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-358-384-38

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2261 TTTAGTAGACAGCGGTTTC 2280

Db 20 TTTAGTAGACGCGGTTTC 1

RESULT 559

US-09-435-296-80/c

; Sequence 80, Application US/09435296

; Patent No. 6171860

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION

; FILE REFERENCE: RTS-0116

; CURRENT APPLICATION NUMBER: US/09/435,296

; CURRENT FILING DATE: 1999-11-05

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 80

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-435-296-80

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCCACCTCGGCTCCCAAG 2345

Db 20 CCAGCCTCGGCTCCCAAG 1

RESULT 560

US-09-435-296-81/c

; Sequence 81, Application US/09435296

; Patent No. 6171860

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowser

; TITLE OF INVENTION: ANTISENSE MODULATION OF RANK EXPRESSION

; FILE REFERENCE: RTS-0116

; CURRENT APPLICATION NUMBER: US/09/435,296

; CURRENT FILING DATE: 1999-11-05

; NUMBER OF SEQ ID NOS: 89

; SEQ ID NO 81

; LENGTH: 20

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-435-296-81

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2345 GTCTGGGATTACAGCATG 2364

Db 20 GTACTGGGATTACAGCGTG 1

RESULT 561

US-09-280-805-26/c

; Sequence 26, Application US/09280805

; Patent No. 6184212

; GENERAL INFORMATION:

; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

; APPLICANT: Graham, Brett P. Monia

; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

; NUMBER OF SEQUENCES: 271

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Law Offices of Jane Massey Licata

; STREET: 66 East Main Street

; CITY: Marlton

; STATE: NJ

; COUNTRY: U.S.A.

; ZIP: 08053

; COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; OPERATING SYSTEM: WINDOWS 95

; SOFTWARE: WORDPERFECT 6.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/280,805

; FILING DATE: herewith

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 09/048,810

; FILING DATE: March 26, 1998

; ATTORNEY/AGENT INFORMATION:

; NAME: Licata, Jane Massey

; REGISTRATION NUMBER: 32,257

; REFERENCE/DOCKET NUMBER: ISPH-0346

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 609-810-1515

; TELEFAX: 609-810-1454

; INFORMATION FOR SEQ ID NO: 26:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

```
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
US-09-280-805-26

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTATAAAGAAGCT 1

RESULT 562
US-09-038-637-135/c
; Sequence 135, Application US/09038637
; Patent No. 6235470
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; FILING DATE: 10-MAR-1998
; APPLICATION NUMBER: US/09/038,637
; PRIOR APPLICATION DATA:
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/579,233
; FILING DATE: 12-NOV-1993
; APPLICATION NUMBER: 08/152,313
; ATTORNEY/AGENT INFORMATION:
; NAME: Haile, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
US-09-038-637-135

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCAGGCT 2129
Db 20 CTTGCTTTGTACCCAGGCT 1

RESULT 563
US-09-048-810-26/c
; Sequence 26, Application US/09048810
; Patent No. 6238921
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
```

```
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
; TITLE OF INVENTION: MODULATION OF HUMAN MDM2 EXPRESSION
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM 486
; OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/048,810
; FILING DATE: herewith
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Licata, Jane Massey
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0302
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 609-779-2400
; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: No
US-09-048-810-26

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1695 TTTACATGTGCAAGAAGCT 1714
Db 20 TTTACATGTATAAAGAAGCT 1

RESULT 564
US-09-487-445-95/c
; Sequence 95, Application US/09487445
; Patent No. 6258600
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; FILE REFERENCE: RTS-0107
; CURRENT APPLICATION NUMBER: US/09/487,445
; CURRENT FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-487-445-95

Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2144 GATCTTGGTCTCACTGAAGC 2163
Db 20 GATCTGGCTCACCGCAAGC 1
```


RESULT 565

US-09-467-642-70/c
; Sequence 70, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-70

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2272 CAGGGTTTCCCGTGTAGC 2291
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CGGGGTTTCCCGTGTGGC 1

RESULT 566

US-09-467-642-72/c
; Sequence 72, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-72

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2323 CGGCCCACTCGGCTCCCA 2342
| | | | | | | | | | | | | | | | | | | | | |
Db 20 CCACCAACTCGGCTCCCA 1

RESULT 567

US-09-364-416-25
; Sequence 25, Application US/09364416
; Patent No. 6312900
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
; APPLICANT: Miraglia; Brenda F. Baker
; TITLE OF INVENTION: Antisense Oligonucleotide
; TITLE OF INVENTION: Compositions and Methods for the Modulation of
; TITLE OF INVENTION: Activating Protein 1
; NUMBER OF SEQUENCES: 139
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street

CITY: Marlton
STATE: NJ
COUNTRY: USA
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/364,416
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/837,201
FILING DATE: April 14, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1454
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-364-416-25

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2326 CCACCTCGGCTCCCAAG 2345
| | | | | | | | | | | | | | | | | | | | | |
Db 1 CCTGCTCGGCTCCCAAG 20

RESULT 568

US-09-488-856A-73/c
; Sequence 73, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EX
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-73

Query Match 0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02; 2; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2346 TGCTGGGATTACAGGCATGA 2365
| | | | | | | | | | | | | | | | | | | | | |
Db 20 TGCTGGGATTACAGGCATGA 1

RESULT 569

```
US-09-662-250A-76
; Sequence 76, Application US/09662250A
; Patent No. 6368856
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHORYLASE KINASE BETA EXPRESSION
; FILE REFERENCE: RTS-0129
; CURRENT APPLICATION NUMBER: US/09/662,250A
; CURRENT FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 102
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-662-250A-76

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2115 TCTGTTACCCAGGCTGGAGT 2134
||||| ||||| ||||| ||||| |||||
Db 1 TCTGTACCCAGGCTGGTGT 20

RESULT 570
US-09-851-896-17/c
; Sequence 17, Application US/09851896
; Patent No. 6410325
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI (CA2+-INDEPENDENT
; FILE REFERENCE: RTS-0220
; CURRENT APPLICATION NUMBER: US/09/851,896
; CURRENT FILING DATE: 2001-05-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-851-896-17

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2344 AGTGCTGGGATTACAGGCAT 2363
||||| ||||| ||||| ||||| |||||
Db 20 AGTGTGGGATTACAGGTAT 1

RESULT 571
US-09-657-346A-24/c
; Sequence 24, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; FILE REFERENCE: RTS-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 24
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-24

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2193 CTGCCTCAGCCTCCCAATTA 2212
||||| ||||| ||||| ||||| |||||
Db 20 CTGCCTCAGCCTCCCGAGTA 1

RESULT 572
US-09-679-299A-71
; Sequence 71, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-71

Query Match      0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2325 GCCCAGCTCGGCTCCCAAA 2344
||||| ||||| ||||| ||||| |||||
Db 1 GCCCAGCTTGGACTCCCAAA 20

RESULT 573
US-09-627-465B-27
; Sequence 27, Application US/09627465B
; Patent No. 6737519
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL D.
; APPLICANT: BERDEWEGH, PAUL VAN
; APPLICANT: DUPUIS, JOSEE
; APPLICANT: DEL MASTRO, RICHARD L.
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND OBESITY
; FILE REFERENCE: 2976-4037
; CURRENT APPLICATION NUMBER: US/09/627,465B
; CURRENT FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/211,749
; PRIOR FILING DATE: 2000-06-14
; PRIOR APPLICATION NUMBER: 60/146,336
; PRIOR FILING DATE: 1999-07-30
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver 2.1
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-627-465B-27
```

```
Query Match          0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2347 GCTGGATTACAGGCATGAG 2366
```

```
Db       1 GTTGGGATTACAGGCACGAG 20
```

RESULT 574

```
US-09-018-584A-67/c
; Sequence 67, Application US/09018584A
; Patent No. 6238863
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Schumm, James W.
```

```
; APPLICANT: Bacher, Jeffery W.
```

```
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
```

```
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```
; TITLE OF INVENTION: REPEAT DNA MARKERS
```

```
; NUMBER OF SEQUENCES: 147
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Promega Corporation
```

```
; STREET: 2800 Woods Hollow Road
```

```
; CITY: Madison
```

```
; STATE: Wisconsin
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 53711-5399
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
```

```
; COMPUTER: IBM compatible PC
```

```
; OPERATING SYSTEM: Windows 95
```

```
; SOFTWARE: Word 97 (DOS text format)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/018,584A
```

```
; FILING DATE: 04-Feb-1998
```

```
; CLASSIFICATION:
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Grady J. Frenchick
```

```
; REGISTRATION NUMBER: 29,018
```

```
; REFERENCE/DOCKET NUMBER: 16026.9180
```

```
; TELEPHONE: (608) 257-3501
```

```
; TELEFAX: (608) 257-2275
```

```
; INFORMATION FOR SEQ ID NO: 67:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 21
```

```
; TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
```

```
; TOPOLOGY: Linear
```

```
; US-09-018-584A-67
```

```
Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2111 TTGCTCTGTTCACCAAGGCTG 2130
```

```
Db       20 TTGCTCTGTTCACCAAGGCTG 1
```

RESULT 575

```
US-09-018-584A-112/c
```

```
; Sequence 112, Application US/09018584A
```

```
; Patent No. 6238863
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Schumm, James W.
```

```
; APPLICANT: Bacher, Jeffery W.
```

```
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
```

```
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```
; TITLE OF INVENTION: REPEAT DNA MARKERS
```

```
; NUMBER OF SEQUENCES: 147
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Promega Corporation
```

```
; STREET: 2800 Woods Hollow Road
```

```
; CITY: Madison
```

```
; STATE: Wisconsin
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 53711-5399
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
```

```
; COMPUTER: IBM compatible PC
```

```
; OPERATING SYSTEM: Windows 95
```

```
; SOFTWARE: Word 97 (DOS text format)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/018,584A
```

```
; FILING DATE: 04-Feb-1998
```

```
; CLASSIFICATION:
```

```
; ATTORNEY/AGENT INFORMATION:
```

```
; NAME: Grady J. Frenchick
```

```
; REGISTRATION NUMBER: 29,018
```

```
; REFERENCE/DOCKET NUMBER: 16026.9180
```

```
; TELECOMMUNICATION INFORMATION:
```

```
; TELEPHONE: (608) 257-3501
```

```
; TELEFAX: (608) 257-2275
```

```
; INFORMATION FOR SEQ ID NO: 112:
```

```
; SEQUENCE CHARACTERISTICS:
```

```
; LENGTH: 21
```

```
; TYPE: Nucleic Acid
```

```
; STRANDEDNESS: Single
```

```
; TOPOLOGY: Linear
```

```
; US-09-018-584A-112
```

```
Query Match          0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2106 GAGTCTTGCTGTTCACCCA 2125
```

```
Db       20 GAGTCTTGCTGTTCACCCA 1
```

RESULT 576

```
US-09-784-423-67/c
```

```
; Sequence 67, Application US/09784423
```

```
; Patent No. 6767703
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Schumm, James W.
```

```
; APPLICANT: Bacher, Jeffery W.
```

```
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
```

```
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```
; REPEAT DNA MARKERS
```

```
; NUMBER OF SEQUENCES: 147
```

```
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Promega Corporation
```

```
; STREET: 2800 Woods Hollow Road
```

```
; CITY: Madison
```

```
; STATE: Wisconsin
```

```
; COUNTRY: U.S.A.
```

```
; ZIP: 53711-5399
```

```
; COMPUTER READABLE FORM:
```

```
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
```

```
; COMPUTER: IBM compatible PC
```

```
; OPERATING SYSTEM: Windows 95
```

```
; SOFTWARE: Word 97 (DOS text format)
```

```
; CURRENT APPLICATION DATA:
```

```
; APPLICATION NUMBER: US/09/784,423
```

```
; FILING DATE: 15-Feb-2001
```

```
; CLASSIFICATION: <Unknown>
```

```
; PRIOR APPLICATION DATA:
```

```
; APPLICATION NUMBER: 09/018,584
```

```
; FILING DATE: 04-Feb-1998
```

```
; ATTORNEY/AGENT INFORMATION:
```

```

; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 67
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 67
US-09-784-423-67

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTACCCAGGCTG 2130
Db 20 TTGCTCTGTACCCAGGCTG 1

RESULT 577
US-09-784-423-112/c
; Sequence 112, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 112
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 112
US-09-784-423-112

Query Match 0.7%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 2106 GAGCTTGCTCTGTACCCA 2125
Db 20 GAGCTTACTCTGTGTGCCA 1

RESULT 578
US-08-117-952-287/c
; Sequence 287, Application US/08117952
; Patent No. 5851760
; GENERAL INFORMATION:
; APPLICANT: Evans, Glen A.
; APPLICANT: Smith, Michael W.
; TITLE OF INVENTION: METHOD FOR GENERATION OF SEQUENCE
; TITLE OF INVENTION: SAMPLED MAPS OF COMPLEX GENOMES
; NUMBER OF SEQUENCES: 797
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pretty, Schroeder, Brueggemann & Clark
; STREET: 444 South Flower Street, Suite 2000
; CITY: Los Angeles
; STATE: CA
; COUNTRY: USA
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/117,952
; FILING DATE: 07-SEP-1993
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/078,471
; FILING DATE: 15-JUN-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Reiter, Stephen E.
; REGISTRATION NUMBER: 31,192
; REFERENCE/DOCKET NUMBER: P41 9423
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619-546-4737
; TELEFAX: 619-546-9392
; INFORMATION FOR SEQ ID NO: 287:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Oligonucleotide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-08-117-952-287

Query Match 0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2094 TTTTGTGACCGAGTCTTG 2113
Db 20 TTTTGTGACAGGGTCTTG 1

RESULT 579
US-08-859-998-25/c
; Sequence 25, Application US/08859998
; Patent No. 5994076
; GENERAL INFORMATION:
; APPLICANT: Chenchik, Alex
; APPLICANT: Jokhadze, George
; APPLICANT: Bibilashvili, Robert
; TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 1375

```


EXPRESSSION
NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson, P.C.
STREET: 2200 Sand Hill Road, Suite 100
CITY: Menlo Park
STATE: CA
COUNTRY: US
ZIP: 94025
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201B
FILING DATE: 05-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: 09096/002001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-322-5070
TELEFAX: 415-854-0875
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
OTHER INFORMATION: oligonucleotide primer
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-09-225-201B-25
Query Match 0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2122 CCAGGCTGGAGTCAGTGG 2141
Db 21 CTCAGGCTGGAGTGTAGTGG 2
RESULT 583
US-09-358-055B-93/C
Sequence 93, Application US/09358055B
Patent No. 6713277
GENERAL INFORMATION:
APPLICANT: Moore, K.
APPLICANT: Nagle, D.L.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS AND
TREATMENT OF BODY WEIGHT DISORDERS INCLUDING
TITLE OF INVENTION: OBESITY
FILE REFERENCE: 7853-151
CURRENT APPLICATION NUMBER: US/09/358,055B
PRIOR FILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/245,041
PRIOR FILING DATE: 1999-02-05
NUMBER OF SEQ ID NOS: 153
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 93
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-358-055B-93

Query Match 0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2268 GAGACAGGGTTTCACCGTGT 2287
Db 21 GAGACAGGGTCTCACTGTGT 2
RESULT 584
US-09-893-238-92/C
Sequence 92, Application US/09893238
Patent No. 6727348
GENERAL INFORMATION:
APPLICANT: Moore, K.
APPLICANT: Nagle, D.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND
DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY
FILE REFERENCE: 7853-237
CURRENT APPLICATION NUMBER: US/09/893,238
CURRENT FILING DATE: 2001-06-27
PRIOR APPLICATION NUMBER: 09/245,041
PRIOR FILING DATE: 1999-02-05
PRIOR APPLICATION NUMBER: 60/093,630
PRIOR FILING DATE: 1998-07-21
PRIOR APPLICATION NUMBER: 60/104,978
PRIOR FILING DATE: 1998-10-20
NUMBER OF SEQ ID NOS: 129
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 92
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-893-238-92
Query Match 0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2268 GAGACAGGGTTTCACCGTGT 2287
Db 21 GAGACAGGGTCTCACTGTGT 2
RESULT 585
US-09-156-253-45
Sequence 45, Application US/09156253C
Patent No. 6001652
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Baker, Brenda F.
APPLICANT: Cowse, Lex M.
TITLE OF INVENTION: Antisense Modulation of CREL Expression
FILE REFERENCE: RTS-0010
CURRENT APPLICATION NUMBER: US/09/156,253C
CURRENT FILING DATE: 1998-09-18
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 45
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-156-253-45
Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```
QY 2338 TCCCAAAGTCTGGATT 2355
|||||
Db 1 TCCCAAAGTCTAGATT 18

RESULT 586
US-09-161-443-47/c
; Sequence 47, Application US/09161443A
; Patent No. 6020198
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF RIP-1 EXPRESSION
; FILE REFERENCE: RTS-0011
; CURRENT APPLICATION NUMBER: US/09/161.443A
; CURRENT FILING DATE: 1998-09-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-161-443-47

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2336 CCTCCCAAAGTCTGGGA 2353
|||||
Db 18 CCTCCCAAAGTCTGGGA 1

RESULT 587
US-09-630-706-94
; Sequence 94, Application US/09630706
; Patent No. 6277640
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HER-3 EXPRESSION
; FILE REFERENCE: RTS-0053
; CURRENT APPLICATION NUMBER: US/09/630.706
; CURRENT FILING DATE: 2000-08-01
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 94
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-630-706-94

Query Match 0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2341 CAAAGTCTGGATTACA 2358
|||||
Db 1 CAAAGTCTGAGATTACA 18

RESULT 588
US-08-755-587-124/c
; Sequence 124, Application US/08755587
; Patent No. 6045997
; GENERAL INFORMATION:
; APPLICANT: Futreal, Phillip A
; APPLICANT: Wooster, Richard F
; APPLICANT: Ashworth, Alan
; APPLICANT: Stratton, Michael R
; TITLE OF INVENTION: Materials and methods relating to the

; TITLE OF INVENTION: identification and sequencing of the BRCA2 cancer
; TITLE OF INVENTION: susceptibility gene and uses thereof.
; NUMBER OF SEQUENCES: 222
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Bell Seltzer Park & Gibson
; STREET: 310 UCB Plaza, 3605 Glenwood Avenue, PO Drawer 31107
; CITY: Raleigh
; STATE: NC
; COUNTRY: USA
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/755,587
; FILING DATE: 25-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9523959.6
; FILING DATE: 23-NOV-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9525555.0
; FILING DATE: 14-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: GB 9617961.9
; FILING DATE: 28-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Kenneth D Sibley
; REGISTRATION NUMBER: 31,665
; REFERENCE/DOCKET NUMBER: 5405-135
; INFORMATION FOR SEQ ID NO: 124:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-755-587-124

Query Match 0.7%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2353 ATTACAGCATGAGCCAC 2370
|||||
Db 19 ATTACAGCATGAGCCAC 2

RESULT 589
US-07-952-442-19/c
; Sequence 19, Application US/07952442
; Patent No. 5374525
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Youri
; APPLICANT: Corval, Pierre
; TITLE OF INVENTION: Angiotensinogen Gene Variants and
; TITLE OF INVENTION: Predisposition to Essential Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
```

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; APPLICATION NUMBER: US/07/952,442
; FILING DATE: 19920930
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Innen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-07-952-442-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 590
US-08-269-766-19/c
; Sequence 19, Application US/08269766
; Patent No. 5589584
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Youri
; APPLICANT: Corval, Pierre
; TITLE OF INVENTION: Angiotensinogen Gene Variants and
; TITLE OF INVENTION: Predisposition to Essential Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/269,766
; FILING DATE: 01-JUL-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/952,442
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Innen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; ANTI-SENSE: NO
;
US-08-416-831B-5

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
;
US-08-269-766-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 591
US-08-416-831B-5/c
; Sequence 5, Application US/08416831B
; Patent No. 5708159
; GENERAL INFORMATION:
; APPLICANT: Ohno, Tsuneya
; APPLICANT: Hirotsu, Takuo
; APPLICANT: Keshi, Hiroyuki
; APPLICANT: Matsuhashi, Akio
; TITLE OF INVENTION: Probe for Diagnosing Infectious Diseases
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Marshall, O'Toole, Gerstein, Murray & Borun
; STREET: 6300 Sears Tower, 233 South Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States of America
; ZIP: 60606-8402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/416,831B
; FILING DATE: 19-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01555
; FILING DATE: 25-OCT-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JPA 4-285802
; FILING DATE: 23-OCT-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Gass, David A.
; REGISTRATION NUMBER: 38,153
; REFERENCE/DOCKET NUMBER: 19036/32578
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/474-6300
; TELEFAX: 312/474-0448
; TELEX: 25-3856
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Synthetic DNA"
; ANTI-SENSE: NO
;
US-08-416-831B-5

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
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Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 393 GTTAGACCAAGCCATTG 410
|||||
Db 20 GTTAGACCTAAGCCATTG 3

RESULT 592

US-08-319-545A-19/c
; Sequence 19, Application US/08319545A

; Patent No. 5763168

; GENERAL INFORMATION:

; APPLICANT: Lalouel, Jean-Marc

; APPLICANT: Jeunemaitre, Xavier

; APPLICANT: Lifton, Richard P.

; APPLICANT: Soubrier, Florent

; APPLICANT: Kotelevtsev, Yuri

; APPLICANT: Corvol, Pierre

; TITLE OF INVENTION: Method to Determine Predisposition

; TITLE OF INVENTION: to Hypertension

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Venable, Baetjer, Howard & Civiletti

; STREET: 1201 New York Avenue N.W., Suite 1000

; CITY: Washington

; STATE: DC

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 5.1/5.2 Windows

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/319,545A

; FILING DATE: 7-OCT-1994

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/952,442

; FILING DATE: 30-SEP-1992

; ATTORNEY/AGENT INFORMATION:

; NAME: Ihnen, Jeffrey L.

; REGISTRATION NUMBER: 28,957

; REFERENCE/DOCKET NUMBER: 19780-104502-2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-962-4810

; TELEX: 202-962-8300

; INFORMATION FOR SEQ ID NO: 19:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; US-08-319-545A-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;

Best Local Similarity 94.4%; Pred. No. 5.3e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139

|||||

Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 593

US-09-092-988-19/c

; Sequence 19, Application US/09092988

; Patent No. 5998145

; GENERAL INFORMATION:

; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Yuri
; APPLICANT: Corvol, Pierre

; TITLE OF INVENTION: Method to Determine Predisposition

; TITLE OF INVENTION: to Hypertension

; NUMBER OF SEQUENCES: 22

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Venable, Baetjer, Howard & Civiletti

; STREET: 1201 New York Avenue N.W., Suite 1000

; CITY: Washington

; STATE: DC

; ZIP: 20005

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: WordPerfect 5.1/5.2 Windows

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/092,988

; FILING DATE:

; CLASSIFICATION:

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/319,545

; FILING DATE:

; ATTORNEY/AGENT INFORMATION:

; NAME: Ihnen, Jeffrey L.

; REGISTRATION NUMBER: 28,957

; REFERENCE/DOCKET NUMBER: 19780-104502-2

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 202-962-4810

; TELEX: 202-962-8300

; INFORMATION FOR SEQ ID NO: 19:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; ORIGINAL SOURCE:

; ORGANISM: Homo sapiens

; US-09-092-988-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;

Best Local Similarity 94.4%; Pred. No. 5.3e+02;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139

|||||

Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 594

US-09-106-216-19/c

; Sequence 19, Application US/09106216

; Patent No. 6153386

; GENERAL INFORMATION:

; APPLICANT: Lalouel, Jean-Marc

; APPLICANT: Jeunemaitre, Xavier

; APPLICANT: Lifton, Richard P.

; APPLICANT: Soubrier, Florent

; APPLICANT: Kotelevtsev, Yuri

; APPLICANT: Corvol, Pierre

; TITLE OF INVENTION: Method to Determine Predisposition to

; TITLE OF INVENTION: Hypertension

; NUMBER OF SEQUENCES: 58

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Rothwell, Figg, Ernst & Kurz

; STREET: 555 Thirteenth Street N.W., Suite 701-E

```
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/106,216
; FILING DATE:
; NAME: Innen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 2323-124
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-783-6040
; TELEFAX: 202-783-6031
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "primer"
US-09-106-216-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 595
US-09-429-034-19/c
; Sequence 19, Application US/09429034
; Patent No. 6165727
; GENERAL INFORMATION:
; APPLICANT: Lalouel, Jean-Marc
; APPLICANT: Jeunemaitre, Xavier
; APPLICANT: Lifton, Richard P.
; APPLICANT: Soubrier, Florent
; APPLICANT: Kotelevtsev, Youri
; TITLE OF INVENTION: Method to Determine Predisposition
; TITLE OF INVENTION: to Hypertension
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Venable, Baetjer, Howard & Civiletti
; STREET: 1201 New York Avenue N.W., Suite 1000
; CITY: Washington
; STATE: DC
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 5.1/5.2 Windows
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/429,034
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/319,545
; FILING DATE: 7-OCT-1994
; APPLICATION NUMBER: US 07/952,442
; FILING DATE: 30-SEP-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Innen, Jeffrey L.
; REGISTRATION NUMBER: 28,957
; REFERENCE/DOCKET NUMBER: 19780-104502-2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-962-4810
; TELEFAX: 202-962-8300
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; US-09-429-034-19

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2122 CCCAGGCTGGAGTGCAGT 2139
Db 18 CCGAGGCTGGAGTGCAGT 1

RESULT 596
US-10-215-448-77/c
; Sequence 77, Application US/10215448
; Patent No. 6716975
; GENERAL INFORMATION:
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
; FILE REFERENCE: RTS-0179
; CURRENT APPLICATION NUMBER: US/10/215,448
; CURRENT FILING DATE: 2002-08-09
; NUMBER OF SEQ ID NOS: 105
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-215-448-77

Query Match 0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 5.3e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 519 AGCAACAACATATTGTA 536
Db 18 AAGCAACAACATATTGTA 1

RESULT 597
US-08-394-210-6
; Sequence 6, Application US/08394210
; Patent No. 5814716
; GENERAL INFORMATION:
; APPLICANT: JALLAT, SOPHIE
; APPLICANT: MEULIEN, PIERRE
```

;; APPLICANT: PAVIRANI, ANDREA
;; APPLICANT: PERRAUD, FREDERIC
;; TITLE OF INVENTION: CELL LINEAGES EXPRESSING A BIOLOGICALLY
;; TITLE OF INVENTION: ACTIVE IX FACTOR
;; NUMBER OF SEQUENCES: 20
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: CUSHMAN, DARBY & CUSHMAN
;; STREET: 1615 L Street, N.W.
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20036-5601
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/394,210
;; FILING DATE:
;; CLASSIFICATION: 800
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/038,085
;; FILING DATE:
;; APPLICATION NUMBER: US 07/675,889
;; FILING DATE: 09-APR-1991
;; APPLICATION NUMBER: FR 8910720
;; FILING DATE: 09-AUG-1989
;; ATTORNEY/AGENT INFORMATION:
;; NAME: WHITE JR, PAUL E
;; REGISTRATION NUMBER: 32011
;; REFERENCE/DOCKET NUMBER: PEW/5683/84493
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-861-3000
;; TELEFAX: (202) 861-0944
;; TELEX: 6714627 CUSH
;; INFORMATION FOR SEQ ID NO: 6:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-08-394-210-6

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2352 GATTACAGGCGATGACCGC 2372
|||||
Db 1 GATTATAGGCGTGACCACTG 21

RESULT 598
US-08-632-575B-21/c
; Sequence 21, Application US/08632575B
; Patent No. 5843660
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; TITLE OF INVENTION: Multiplex Amplification of
; TITLE OF INVENTION: Short Tandem Repeat Loci
; NUMBER OF SEQUENCES: 61
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC

;; OPERATING SYSTEM: DOS, version 6.0
;; SOFTWARE: WordPerfect 5.1 (DOS text format)
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/632,575B
;; FILING DATE: 04/15/96
;; CLASSIFICATION: 435
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/316,544
;; FILING DATE: 09/30/94
;; INFORMATION FOR SEQ ID NO: 21:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; POSITION IN GENOME:
;; MAP POSITION: D14S548
US-08-632-575B-21

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGCTTGTCTCTGTACCCAGG 2127
|||||
Db 21 AGTCTCACTCTGTGCCAGG 1

RESULT 599
US-09-157-177-80/c
; Sequence 80, Application US/09157177
; Patent No. 6090558
; GENERAL INFORMATION:
; APPLICANT: Butler, John M.
; APPLICANT: Li, Jia
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
; TITLE OF INVENTION: REPEAT MARKERS
; FILE REFERENCE: GETR:017/GETR017P
; CURRENT APPLICATION NUMBER: US/09/157,177
; CURRENT FILING DATE: 1998-09-18
; EARLIER APPLICATION NUMBER: 60/059,415
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-157-177-80

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGCCGAGCTTGTCTC 2116
|||||
Db 21 TTTTGAGATGCAGCTTGTCTC 1

RESULT 600
US-09-199-542B-21/c
; Sequence 21, Application US/09199542B
; Patent No. 6479235
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Sprecher, Cynthia J.
; TITLE OF INVENTION: Multiplex Amplification of Short Tandem Repeat Loci
; FILE REFERENCE: 16026/9212
; CURRENT APPLICATION NUMBER: US/09/199,542B
; CURRENT FILING DATE: 1998-11-25
; PRIOR APPLICATION NUMBER: US 08/316,544

; PRIOR FILING DATE: 1994-09-30
; PRIOR APPLICATION NUMBER: US 08/632,575
; PRIOR FILING DATE: 1996-04-15
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: Word97 (converted to DOS text format)
; SEQ ID NO 21
; TYPE: DNA
; LENGTH: 21
; ORGANISM: Homo sapien
; LOCATION: D14S548
US-09-199-542B-21

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2107 AGTCTTGCTGCTTACCAGG 2127
DB 21 AGTCTCACTCTGTGCCAGG 1

RESULT 601

US-09-541-210-80/c
; Sequence 80, Application US/09541210
; Patent No. 6764822
; GENERAL INFORMATION:
; APPLICANT: Butler, John M.
; APPLICANT: Li, Jia
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
; FILE REFERENCE: GSTR:017/GSTR017P
; CURRENT APPLICATION NUMBER: US/09/541,210
; CURRENT FILING DATE: 2000-04-03
; EARLIER APPLICATION NUMBER: 60/059,415
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 80
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-541-210-80

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 5.3e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGTCTTGCTC 2116
DB 21 TTTTGAGATGCGACTTGCTC 1

RESULT 602

US-09-347-114A-91/c
; Sequence 91, Application US/09347114A
; Patent No. 6297014
; GENERAL INFORMATION:
; APPLICANT: Kent D. Taylor (Inventor)
; APPLICANT: Maren T. Scheuner (Inventor)
; APPLICANT: Jerome I. Rotter (Inventor)
; APPLICANT: Huiying Yang (Inventor)
; TITLE OF INVENTION: Genetic Test to Determine
; FILE REFERENCE: P07 41878
; CURRENT APPLICATION NUMBER: US/09/347,114A
; CURRENT FILING DATE: 1999-07-02
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 91
; LENGTH: 17
; TYPE: DNA

; ORGANISM: Homo sapiens
US-09-347-114A-91

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2118 GTTACCCAGGCTGGAG 2133
DB 16 GTTACCCAGGCTGGAG 1

RESULT 603

US-09-356-806-13
; Sequence 13, Application US/09356806
; Patent No. 6586175
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/09/356,806
; CURRENT FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 13
; LENGTH: 17
; TYPE: DNA
; ORGANISM: H. sapiens
US-09-356-806-13

Query Match 0.7%; Score 16; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.8e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2274 GGGTTTCACCGTGTTA 2289
DB 2 GGGTTTCACCGTGTTA 17

RESULT 604

US-09-220-081-34
; Sequence 34, Application US/09220081
; Patent No. 6171833
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0750000
; CURRENT APPLICATION NUMBER: US/09/220,081
; CURRENT FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-220-081-34

Query Match 0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 185 GTGGAATGATCCCGA 200
|||||

```
Db      4 GTGGAATGATCCCGA 19

RESULT 605
US-09-366-840-2
; Sequence 2, Application US/09366840
; Patent No. 6228345
; GENERAL INFORMATION:
; APPLICANT: Ossowski, Liliana
; TITLE OF INVENTION: In Vivo Assay for Intravasation
; FILE REFERENCE: A32590 70165 0550
; CURRENT APPLICATION NUMBER: US/09/366,840
; CURRENT FILING DATE: 1999-08-04
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-09-366-840-2

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Mismatches 0; Indels 0; Gaps 0;

QY      2122 CCCAGGCTGGAGTGCA 2137
          |||||
Db      4 CCCAGGCTGGAGTGCA 19

RESULT 606
US-09-078-294-2/c
; Sequence 2, Application US/09078294
; Patent No. 6265211
; GENERAL INFORMATION:
; APPLICANT: Choo, Kong-Hong Andy
; APPLICANT: Du Sart, Desiree
; APPLICANT: Cancilla, Michael R.
; TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
; FILE REFERENCE: Davies Col
; CURRENT APPLICATION NUMBER: US/09/078,294
; CURRENT FILING DATE: 1998-05-13
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 19
; TYPE: DNA
; ORGANISM: DNA primer
US-09-078-294-2

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 5.6e+02;
Matches 16; Mismatches 1; Indels 0; Gaps 0;

QY      2124 CAGGCTGGAGTCAGTGG 2141
          |||||
Db      19 CAGGCTGCAGTCAGTGG 2

RESULT 607
US-09-677-575-34
; Sequence 34, Application US/09677575
; Patent No. 6403351
; GENERAL INFORMATION:
; APPLICANT: Sinskey, Anthony J.
; APPLICANT: Lessard, Philip A.
; APPLICANT: Willis, Laura B.
; APPLICANT: Stephanopoulos, Gregory
; TITLE OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum
; FILE REFERENCE: 1533.0790000
; CURRENT APPLICATION NUMBER: US/09/677,575
; CURRENT FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 09/220,081

; PRIOR FILING DATE: 1998-12-23
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 34
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-09-677-575-34

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      185 GTGGAATGATCCCGA 200
          |||||
Db      4 GTGGAATGATCCCGA 19

RESULT 608
US-09-544-398B-222
; Sequence 222, Application US/09544398B
; Patent No. 6770461
; GENERAL INFORMATION:
; APPLICANT: Carulli, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/09/544,398B
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 841
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 222
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-544-398B-222

Query Match      0.7%; Score 16; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 5.6e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2345 GTGCTGGGATTACAGG 2360
          |||||
Db      1 GTGCTGGGATTACAGG 16

RESULT 609
US-09-433-699-43/c
; Sequence 43, Application US/09433699B
; Patent No. 6165786
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF NUCLEOLIN EXPRESSION
; FILE REFERENCE: RTS-0109
; CURRENT APPLICATION NUMBER: US/09/433,699B
; CURRENT FILING DATE: 1999-11-03
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

OTHER INFORMATION: Antisense Oligonucleotide
US-09-433-699-43

Query Match 0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1119 GATGAAGATGATGAGG 1134
|||||
DB 19 GATGAAGATGATGAGG 4

RESULT 610

US-09-467-642-64/c
Sequence 64, Application US/09467642
Patent No. 6300132

GENERAL INFORMATION:

APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRES
FILE REFERENCE: RTS-0106
CURRENT APPLICATION NUMBER: US/09/467,642
CURRENT FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 89

SEQ ID NO 64

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-467-642-64

Query Match 0.7%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.5e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2126 GCCTGGAGTGCAGTGG 2141
|||||
DB 20 GCCTGGAGTGCAGTGG 5

RESULT 611

US-09-157-177-74/c
Sequence 74, Application US/09157177
Patent No. 6090558

GENERAL INFORMATION:

APPLICANT: Butler, John M.
APPLICANT: Li, Jia
APPLICANT: Monforte, Joseph A.
APPLICANT: Becker, Christopher H.
TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
TITLE OF INVENTION: REPEAT MARKERS

FILE REFERENCE: GETR:017/GETR017P

CURRENT APPLICATION NUMBER: US/09/157,177

CURRENT FILING DATE: 1998-09-18

EARLIER APPLICATION NUMBER: 60/059,415

EARLIER FILING DATE: 1997-09-19

NUMBER OF SEQ ID NOS: 135

SOFTWARE: Patent In Ver. 2.0

SEQ ID NO 74

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

US-09-157-177-74

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCCTGCTGTTACCC 2124
|||||
DB 19 GAGTCCTGCTGTCGCC 1

RESULT 612

US-08-757-223-11/c

Sequence 11, Application US/08757223

Patent No. 6136530

GENERAL INFORMATION:

APPLICANT: Poduslo, Shirley E.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR ASSESSING RISK
FACTORS IN ALZHEIMER'S DISEASE
NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Locke Purnell Rain Harrell

STREET: 2200 Ross Avenue, Suite 2200

CITY: Dallas

STATE: Texas

ZIP: 75201-6776

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/757,223

FILING DATE: No. 6136530ember 27, 1996

CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:

NAME: Mayfield, Denise L.

REFERENCE/DOCKET NUMBER: 4-003US

TELECOMMUNICATION INFORMATION:

TELEPHONE: 214/740-8785

TELEFAX: 214/740-8800

INFORMATION FOR SEQ ID NO: 11:

SEQUENCE CHARACTERISTICS:

LENGTH: 19 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-757-223-11

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2342 AAAGTCTGGATTACAGG 2360

|||||
DB 19 AAAGTCTGGGTACAGG 1

RESULT 613

US-09-047-347-44/c

Sequence 44, Application US/09047347

Patent No. 6150100

GENERAL INFORMATION:

APPLICANT: RUSCHOFF, Josef

APPLICANT: DIETMAIER, Wolfgang

APPLICANT: FISHEL, Richard

TITLE OF INVENTION: METHOD FOR THE DETECTION OF MICROSATELLITE

INSTABILITY FOR TUMOR DIAGNOSTICS

NUMBER OF SEQUENCES: 50

CORRESPONDENCE ADDRESS:

ADDRESSES: Nikaido, Marmelstein, Murray & Oram LLP

STREET: 655 Fifteenth Street N.W. Suite 330

CITY: Washington

STATE: D.C.

COUNTRY: U.S.A.

ZIP: 20005-5701

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/047,347

```
/ FILING DATE: 25-MAR-1998
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: DE 197 12 332.5
/ FILING DATE: 25-MAR-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Wong, King L.
/ REGISTRATION NUMBER: 37,500
/ TELEPHONE: (202)638-5000
/ TELEFAX: (202)638-4810
/ INFORMATION FOR SEQ ID NO: 44:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 19 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
US-09-047-347-44

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2233 CCACCACCTGGCTAATT 2251
Db 19 CCACCACCTGGCTAATT 1

RESULT 614
US-09-060-299-242/c
; Sequence 242, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 242:
US-09-402-923A-242

FILING DATE: 25-MAR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: DE 197 12 332.5
FILING DATE: 25-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Wong, King L.
REGISTRATION NUMBER: 37,500
TELEPHONE: (202)638-5000
TELEFAX: (202)638-4810
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-047-347-44

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2234 CACCACCTGGCTAATT 2252
Db 19 CACCATGCTGGCTAATT 1

RESULT 615
US-09-402-923A-242/c
; Sequence 242, Application US/09402923A
; Patent No. 6555654
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6555654el LDL-Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; ZIP: VA 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25 (BPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,923A
; FILING DATE: 14-Feb-2001
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB98/01102
; FILING DATE: 15-APR-1998
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J. Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 242:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 242:
US-09-402-923A-242
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Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2234 CACCACACCTGGCTAAATTT 2252
| | | | | | | | | | | | | | | | | | | | |
Db 19 CACCATGCTGGCTAAATTT 1

RESULT 616
US-09-541-210-74/c
; Sequence 74, Application US/09541210
; Patent No. 6764822
; GENERAL INFORMATION:
; APPLICANT: Butler, John M.
; APPLICANT: Li, Jia
; APPLICANT: Monforte, Joseph A.
; APPLICANT: Becker, Christopher H.
; TITLE OF INVENTION: DNA TYPING BY MASS SPECTROMETRY WITH POLYMORPHIC DNA
; FILE REFERENCE: GSTR:0177GETH017P
; CURRENT APPLICATION NUMBER: US/09/541.210
; CURRENT FILING DATE: 2000-04-03
; EARLIER APPLICATION NUMBER: 60/059.415
; EARLIER FILING DATE: 1997-09-19
; NUMBER OF SEQ ID NOS: 135
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-541-210-74

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTGCTGCTGTACC 2124
| | | | | | | | | | | | | | | | | | | | |
Db 19 GAGTCTGCTGCTGTGCC 1

RESULT 617
US-09-696-791-3179/c
; Sequence 3179, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3179
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3179

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 GATGGGTATATCAAGTTA 1146
| | | | | | | | | | | | | | | | | | | | |
Db 19 GATGGGTATATCAAGTTA 1

RESULT 618
US-09-696-791-3630
; Sequence 3630, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3630
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3630

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 815 AGAAGAAATTCAGATGAA 833
| | | | | | | | | | | | | | | | | | | | |
Db 1 AGAAGATTCAGATGAA 19

RESULT 619
US-09-696-791-3631
; Sequence 3631, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3631
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3631

Query Match 0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 GAAGAAATTCAGATGAAT 834
| | | | | | | | | | | | | | | | | | | | |
Db 1 GAAGATTCAGATGAAT 19

RESULT 620
US-09-696-791-3632
; Sequence 3632, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791


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; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 3632
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3632

Query Match      0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      817 AAGAAAATTCAGATGAATT 835
      ||||| ||||| ||||| |||||
Db      1 AAGAGATTCAGATGAATT 19

RESULT 621
US-08-290-936-11
; Sequence 11, Application US/08290936
; Patent No. 5656743
; GENERAL INFORMATION:
; APPLICANT: Busch et al.
; TITLE OF INVENTION: OLIGONUCLEOTIDE MODULATION
; TITLE OF INVENTION: OF CELL GROWTH
; NUMBER OF SEQUENCES: 16
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; ADDRESSEE: Mackiewicz & No. 5656743ris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 inch, 1.44 Mb stor.
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/290,936
; FILING DATE: No. 5656743ember 18, 1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/00754
; FILING DATE: January 27, 1993
; APPLICATION NUMBER: 07/841,660
; FILING DATE: February 19, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell and Rebecca L. Ralph
; REGISTRATION NUMBER: 28,937 and 35,152
; REFERENCE/DOCKET NUMBER: BAY-0032
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: yes
US-08-290-936-11

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2232 GCCACACACCTGGCTAAT 2250
      ||||| ||||| ||||| |||||
Db      1 AAGAGATTCAGATGAATT 19

RESULT 622
US-09-289-267-164
; Sequence 164, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RIS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 164
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-164

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2127 GCTGGAGTCAGTGGGTGA 2145
      ||||| ||||| ||||| |||||
Db      1 GCTGGAGTCAGTGGGTCA 19

RESULT 623
US-09-018-584A-120/C
; Sequence 120, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bachter, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; TITLE OF INVENTION: IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 120:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
US-09-018-584A-120
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Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 TGAGACCGGAGTCTGCTCT 2117
    ||||| ||||| |||||
Db 19 TGAGACGGGGTCTGCTCT 1

RESULT 624
US-09-467-642-63/c
; Sequence 63, Application US/09467642
; Patent No. 6300132
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0106
; CURRENT APPLICATION NUMBER: US/09/467,642
; CURRENT FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-467-642-63

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2106 GAGTCTGCTCTGTGTTACCC 2124
    ||||| ||||| |||||
Db 19 GAGTCTGCTCTGTGTTACCC 1

RESULT 625
US-09-844-634-96
; Sequence 96, Application US/09844634
; Patent No. 6410324
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/09/844,634
; CURRENT FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-844-634-96

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2343 AAGTCTGGGATTACAGCC 2361
    ||||| ||||| |||||
Db 2 AAGTACTGAGATTACAGCC 20

RESULT 626
US-09-690-364-48/c
; Sequence 48, Application US/09690364
; Patent No. 6468795
; GENERAL INFORMATION:
```

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; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF APAF-1 EXPRESSION
; FILE REFERENCE: RTS-0190
; CURRENT APPLICATION NUMBER: US/09/690,364
; CURRENT FILING DATE: 2000-10-17
; NUMBER OF SEQ ID NOS: 100
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-690-364-48

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1165 AGAGTGATACAGATTTCATT 1183
    ||||| ||||| |||||
Db 19 AGAGTGTTCAGATTTCAGT 1

RESULT 627
US-09-918-686-83/c
; Sequence 83, Application US/09918686
; Patent No. 6475739
; GENERAL INFORMATION:
; APPLICANT: Brunkow, Mary
; APPLICANT: Prohl, Sean
; APPLICANT: Paepfer, Bryan
; APPLICANT: Staehling-Hampton, Karen
; TITLE OF INVENTION: METHODS FOR IDENTIFYING
; FILE REFERENCE: 240083-515
; CURRENT APPLICATION NUMBER: US/09/918,686
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-09-918-686-83

Query Match      0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2302 TCGACTCTCTGACCTCGTG 2320
    ||||| ||||| |||||
Db 19 TCGACTCTCTGACCTCGCG 1

RESULT 628
US-09-733-294A-75
; Sequence 75, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
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/ SEQ ID NO 75
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-75

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2270 GACAGGTTTCCACGCTTT 2288
||| ||||| ||||| |||||
Db 1 GATAGGTTTCCACCATGTT 19

RESULT 629
US-09-657-346A-52
/ Sequence 52, Application US/09657346A
/ Patent No. 6503754
/ GENERAL INFORMATION:
/ APPLICANT: Hong Zhang
/ APPLICANT: Jacqueline Wyatt
/ TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
/ FILE OF INVENTION: EXPRESSION
/ CURRENT APPLICATION NUMBER: US/09/657,346A
/ CURRENT FILING DATE: 2000-09-07
/ NUMBER OF SEQ ID NOS: 174
/ SEQ ID NO 52
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-52

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2254 TTGTACTTTTAGTAGAGAC 2272
||||| ||| ||||| |||||
Db 1 TTGTATTTTAAAGTAGAGAC 19

RESULT 630
US-09-060-299-296
/ Sequence 296, Application US/09060299
/ Patent No. 6545137
/ GENERAL INFORMATION:
/ APPLICANT: Todd, John A
/ APPLICANT: Hess, John W
/ APPLICANT: Caskey, Charles T
/ APPLICANT: Cox, Roger D
/ APPLICANT: Gerhold, David
/ APPLICANT: Hammond, Holly
/ APPLICANT: Hey, Patricia
/ APPLICANT: Kawaguchi, Yoshihiko
/ APPLICANT: Merriman, Tony R
/ APPLICANT: Metzker, Michael L
/ TITLE OF INVENTION: No. 6545137el Receptor
/ NUMBER OF SEQUENCES: 455
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Nixon and Vanderhye
/ STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: US
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
/ CURRENT APPLICATION NUMBER: US/09/402,923A
/ FILING DATE: 14-Feb-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/GB98/01102
/ FILING DATE: 15-APR-1998
/ APPLICATION NUMBER: US 60/043,553
/ FILING DATE: 15-APR-1997
```

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/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/09/060,299
/ FILING DATE: 15-APR-1998
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/043,553
/ FILING DATE: 15-APR-1997
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 60/048,740
/ FILING DATE: 05-JUN-1997
/ ATTORNEY/AGENT INFORMATION:
/ NAME: B.J.Sadoff
/ REGISTRATION NUMBER: 36,663
/ REFERENCE/DOCKET NUMBER: 620-35
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (703)816-4091
/ TELEFAX: (703)816-4100
/ INFORMATION FOR SEQ ID NO: 296:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
US-09-060-299-296

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCC 2169
||||| ||||| ||||| |||||
Db 1 GTTCACTGCAAGCTCTGCC 19

RESULT 631
US-09-402-923A-296
/ Sequence 296, Application US/09402923A
/ Patent No. 6555654
/ GENERAL INFORMATION:
/ APPLICANT: Todd, John A
/ APPLICANT: Hess, John W
/ APPLICANT: Caskey, Charles T
/ APPLICANT: Cox, Roger D
/ APPLICANT: Gerhold, David
/ APPLICANT: Hammond, Holly
/ APPLICANT: Hey, Patricia
/ APPLICANT: Kawaguchi, Yoshihiko
/ APPLICANT: Merriman, Tony R
/ APPLICANT: Metzker, Michael L
/ TITLE OF INVENTION: No. 6555654el LDL-Receptor
/ NUMBER OF SEQUENCES: 455
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Nixon and Vanderhye
/ STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
/ CITY: Arlington
/ STATE: Virginia
/ COUNTRY: US
/ ZIP: VA 22201-4714
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ OPERATING SYSTEM: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent In Release #1.0, Version #1.25 (BPO)
/ CURRENT APPLICATION NUMBER: US/09/402,923A
/ FILING DATE: 14-Feb-2001
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: PCT/GB98/01102
/ FILING DATE: 15-APR-1998
/ APPLICATION NUMBER: US 60/043,553
/ FILING DATE: 15-APR-1997
```

```
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-09-402-923A-296

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCC 2169
Db 1 GTTCACTGCAACCTCTGCC 19

RESULT 632
US-09-679-299A-69
; Sequence 69, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-69

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGAG 2366
Db 1 CTGGGATTACAGGCTGTGAG 19

RESULT 633
US-09-679-299A-73
; Sequence 73, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA

; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-81
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 296:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-09-402-923A-296

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2151 GCTCACTGCAAGCTCTGCC 2169
Db 1 GTTCACTGCAACCTCTGCC 19

RESULT 632
US-09-679-299A-69
; Sequence 69, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-69

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2348 CTGGGATTACAGGCATGAG 2366
Db 1 CTGGGATTACAGGCTGTGAG 19

RESULT 633
US-09-679-299A-73
; Sequence 73, Application US/09679299A
; Patent No. 6566135
; GENERAL INFORMATION:
; APPLICANT: Vickie L. Brown-Driver
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
; FILE REFERENCE: RTS-0187
; CURRENT APPLICATION NUMBER: US/09/679,299A
; CURRENT FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-73

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2297 TGGTCTCGATCTCCTGACC 2315
Db 2 TGGTCTCGAACTCCCGACC 20

RESULT 634
US-08-468-719A-40
; Sequence 40, Application US/08468719A
; Patent No. 6710163
; GENERAL INFORMATION:
; APPLICANT: Buchardt, Ole
; APPLICANT: Egholm, Michael
; APPLICANT: Nielsen, Peter E.
; APPLICANT: Berg, Rolf H.
; TITLE OF INVENTION: PEPTIDE NUCLEIC ACIDS SYNTHONS
; FILE REFERENCE: ISPS-1999
; CURRENT APPLICATION NUMBER: US/08/468,719A
; CURRENT FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/108,591
; PRIOR FILING DATE: 1993-11-22
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide Primer
US-08-468-719A-40

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2040 CTGGTTTTTTTTTTCTTA 2058
Db 1 CTAGTTTTTTTTTCTCTA 19

RESULT 635
US-09-784-423-120/c
; Sequence 120, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
```

US-08-332-766A-68

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2101 AGACCGAGTCTTGCTCTGT 2119
||| ||| ||| ||| |||
DB 20 AGACGAGTCTCGCTCTGT 2

RESULT 637
US-09-357-740-7
; Sequence 7, Application US/09357740
; Patent No. 6348596
; GENERAL INFORMATION:
; APPLICANT: Lee, Linda G.
; APPLICANT: Graham, Ronald J.
; APPLICANT: Mullah, Khairuzzaman B.
; APPLICANT: Haxo, Francis T.
; TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
; FILE REFERENCE: 9584-007
; CURRENT APPLICATION NUMBER: US/09/357,740
; CURRENT FILING DATE: 1999-07-20
; EARLIER APPLICATION NUMBER: 09/012,525
; EARLIER FILING DATE: 1998-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-357-740-7

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2187 ATTCTCTGCCTCAGCCTC 2205
||| ||| ||| ||| |||
DB 3 ATCCACCTGCCTCAGCCTC 21

RESULT 638
US-08-649-950-61/c
; Sequence 61, Application US/08649950
; Patent No. 6403303
; GENERAL INFORMATION:
; APPLICANT: Shipman, Robert
; APPLICANT: Leushner, James
; APPLICANT: Dunn, James M.
; TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
; MUTATIONS IN THE BRCA1 GENE
; NUMBER OF SEQUENCES: 77
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/649,950
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:

FILING DATE: 15-Feb-2001
CLASSIFICATION: <Unknown>
PRIORITY INFORMATION: 09/018,584
APPLICATION NUMBER: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATIONS INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
INFORMATION FOR SEQ ID NO: 120
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 120
US-09-784-423-120

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2099 TGAGACGGAGTCTTGCTCT 2117
||| ||| ||| ||| |||
DB 19 TGAGACGGGCTCTTGCTCT 1

RESULT 636
US-08-332-766A-68/c
; Sequence 68, Application US/08332766A
; Patent No. 5843647
; GENERAL INFORMATION:
; APPLICANT: JEFFREYS, Alec J.
; APPLICANT: ARMOUR, John
; TITLE OF INVENTION: SIMPLE TANDEM REPEATS
; NUMBER OF SEQUENCES: 125
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CUSHMAN DABBY & CUSHMAN, L.L.P.
; STREET: 1100 New York Avenue, N.W.
; CITY: Washington
; STATE: D. C.
; COUNTRY: U.S.A.
; ZIP: 20005-3918
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/332,766A
FILING DATE: 01-NOV-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: GB 9326052.9
FILING DATE: 21-DEC-1993
ATTORNEY/AGENT INFORMATION:
NAME: BIRD, Donald J.
REGISTRATION NUMBER: 25,323
REFERENCE/DOCKET NUMBER: 217211/M94/0434/GB
TELECOMMUNICATIONS INFORMATION:
TELEPHONE: (202) 861-3000
TELEFAX: (202) 822-0944
TELEX: 6714627 CUSH
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)

```
/
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Larson, Marina T.
/ REGISTRATION NUMBER: 32,038
/ REFERENCE/DOCKET NUMBER: VGEN.P-028-US
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (914) 245-3252
/ TELEFAX: (914) 962-4330
/ TELEX:
/ INFORMATION FOR SEQ ID NO: 61:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 21
/ TYPE: nucleic acid
/ STRANDEDNESS: double
/ TOPOLOGY: linear
/ MOLECULE TYPE: other nucleic acid
/ HYPOTHETICAL: no
/ ANTI-SENSE: no
/ FRAGMENT TYPE: internal
/ ORIGINAL SOURCE:
/ ORGANISM: human
/ FEATURE:
/ OTHER INFORMATION: amplification primer for BRCA1 gene
/
/ US-08-649-950-61
/
/ Query Match 0.7%; Score 15.8; DB 1; Length 21;
/ Best Local Similarity 89.5%; Pred. No. 5.6e+02;
/ Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 1701 TGTGCAAGAGCTAAAGA 1719
/ Db 20 TGTCTAAGAGCTAAAGA 2
/
/ RESULT 639
/ US-09-422-978-10751/c
/ Sequence 10751, Application US/09422978
/ Patent No. 6337751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-04-21
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 10751
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-19601 for SEQ 2886, in complete
/
/ US-09-422-978-10751
/
/ Query Match 0.7%; Score 15.8; DB 1; Length 21;
/ Best Local Similarity 89.5%; Pred. No. 5.6e+02;
/ Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 1309 ATAAAGGCAAGATAAGG 1327
/ Db 19 ATAAAGGCAAGATAAGG 1
/
/ RESULT 640
/ US-09-422-978-11289/c
/ Sequence 11289, Application US/09422978
/ Patent No. 6537751
/ GENERAL INFORMATION:
/ APPLICANT: Cohen, Daniel
/ APPLICANT: Blumenfeld, Marta
/ APPLICANT: Chumakov, Ilya
/ TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
/ FILE REFERENCE: GENSET.020CP1
/ CURRENT APPLICATION NUMBER: US/09/422,978
/ EARLIER FILING DATE: 1999-10-20
/ EARLIER APPLICATION NUMBER: US 09/298,850
/ EARLIER FILING DATE: 1999-04-21
/ EARLIER APPLICATION NUMBER: US 60/109,732
/ EARLIER FILING DATE: 1998-11-23
/ EARLIER APPLICATION NUMBER: US 60/082,614
/ NUMBER OF SEQ ID NOS: 11796
/ SEQ ID NO 11289
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo Sapiens
/ FEATURE:
/ NAME/KEY: primer_bind
/ LOCATION: 1..21
/ OTHER INFORMATION: downstream amplification primer 99-3944 for SEQ 3423, in complete
/
/ US-09-422-978-11289
/
/ Query Match 0.7%; Score 15.8; DB 1; Length 21;
/ Best Local Similarity 89.5%; Pred. No. 5.6e+02;
/ Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
/
/ QY 1037 AGATCAGTTTGTAGTAGAA 1055
/ Db 19 AGATCAGTTGAGGGTAGAA 1
/
/ RESULT 641
/ US-09-358-972-252/c
/ Sequence 252, Application US/09358972
/ Patent No. 6235480
/ GENERAL INFORMATION:
/ APPLICANT: Shultz, John W.
/ APPLICANT: Lewis, Martin K.
/ APPLICANT: Lieppe, Donna
/ APPLICANT: Mandrekar, Michelle
/ APPLICANT: Kephart, Daniel
/ APPLICANT: Rhodes, Richard B.
/ APPLICANT: Andrews, Christine A.
/ APPLICANT: Hartnett, James R.
/ APPLICANT: Gu, Trent
/ APPLICANT: Olson, Ryan J.
/ APPLICANT: Wood, Keith W.
/ APPLICANT: Welch, Roy
/ TITLE OF INVENTION: Nucleic Acid Detection
/ FILE REFERENCE: Pro-103 6868/75528
/ CURRENT APPLICATION NUMBER: US/09/358,972
/ EARLIER FILING DATE: 1999-07-22
/ EARLIER APPLICATION NUMBER: 09/252,436
/ EARLIER FILING DATE: 1999-02-18
/ EARLIER APPLICATION NUMBER: 09/042,287
/ EARLIER FILING DATE: 1998-03-13
/ SOFTWARE: PatentIn Ver. 2.0
/ NUMBER OF SEQ ID NOS: 290
/ SEQ ID NO 252
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
/
/ US-09-358-972-252
```

Page 219

```
Query Match          0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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Qy	2112	TGCTCTGTTACCCAGGC	2128
Db	17	TGCTCTGTCAACCAGGC	1

RESULT 642
US-09-383-316-88/c
; Sequence 88, Application US/09383316
; Patent No. 6391551

;
; GENERAL INFORMATION:
;
; APPLICANT: Shultz, John W
;
; APPLICANT: Lewis, Martin K.
;
; APPLICANT: Lieppe, Donna
;
; APPLICANT: Mandrekar, Michelle
;
; APPLICANT: Kephart, Daniel
;
; APPLICANT: Rhodes, Richard B.
;
; APPLICANT: Andrews, Christine A.
;
; APPLICANT: Hartnett, James R

APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Wood, Keith W.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection

```

; FILE REFERENCE: PRO-104 6868/75529
;
; CURRENT APPLICATION NUMBER: US/09/383,316
;
; CURRENT FILING DATE: 1999-08-25
;
; PRIOR APPLICATION NUMBER: 09/252,436
;
; PRIOR FILING DATE: 1999-02-18
;
; PRIOR APPLICATION NUMBER: 09/042,287
;
; PRIOR FILING DATE: 1998-03-13
;
; PRIOR APPLICATION NUMBER: 09/358,972
;
; PRIOR FILING DATE: 1999-07-21
;
; NUMBER OF SEQ ID NOS: 123
;

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```

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 88
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
; OTHER INFORMATION: human gene
US-09-383-316-88

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Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy		2112 TGCTCTGTATACCAGGC	2128
Dβ	17	TGCTCTGTACCCAGGC	1

RESULT 643
US-09-866-108A-7368
; Sequence 7368, Application US/09866108A
; Patent No. 6686188

```

; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSTIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25

```

```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236.359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7368
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; RS-09-866-108A-7368

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[illegible]

```

RESULT 644
US-09-790-417-252/c
; Sequence 252, Application US/09790417
; Patent No. 6730479
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 252
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
; OTHER INFORMATION: human gene

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US-09-790-417-252

Query Match 0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 6.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2112 TGCTCTGTACCCAGGC 2128
DB 17 TGCTCTGTACCCAGGC 1

RESULT 645

US-09-544-398B-438
Sequence 438, Application US/09544398B

Patent No. 6770461

GENERAL INFORMATION:

APPLICANT: Carulli, John P.

APPLICANT: Little, Randall D.

APPLICANT: Recker, Robert R.

APPLICANT: Johnson, Mark L.

TITLE OF INVENTION: High bone mass gene of 11ql3.3

FILE REFERENCE: 032796-013

CURRENT APPLICATION NUMBER: US/09/544.398B

CURRENT FILING DATE: 2002-06-10

PRIOR APPLICATION NUMBER: US 09/229,319

PRIOR FILING DATE: 1999-01-13

PRIOR APPLICATION NUMBER: US 60/071,449

PRIOR FILING DATE: 1998-01-13

PRIOR APPLICATION NUMBER: US 60/105,511

PRIOR FILING DATE: 1998-10-23

NUMBER OF SEQ ID NOS: 641

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 438

LENGTH: 18

TYPE: DNA

ORGANISM: Homo sapiens

US-09-544-398B-438

Query Match 0.6%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 6.2e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2345 GTGCTGGGATTACAGGC 2361
DB 1 GTGCTGGGATTACAGGC 17

RESULT 646

US-09-696-791-1321
Sequence 1321, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1321

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cdk-we-hu ribozyme binding site

US-09-696-791-1321

Query Match 0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1363 CACAAGCTGAAGAGGC 1379
DB 3 CACAAGTTGAAGAGGC 19

RESULT 647

US-09-696-791-1869/c

Sequence 1869, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 1869

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin D1 ribozyme binding site

US-09-696-791-1869

Query Match 0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1216 ATTGGAATGCACCTTCA 1232
DB 19 ATTGGAATGCACCTTCA 3

RESULT 648

US-09-696-791-2143

Sequence 2143, Application US/09696791

Patent No. 6770633

GENERAL INFORMATION:

APPLICANT: Robbins, Joan M.

APPLICANT: Tritz, Richard

TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE

FILE REFERENCE: 480124.407

CURRENT APPLICATION NUMBER: US/09/696,791

CURRENT FILING DATE: 2000-10-25

NUMBER OF SEQ ID NOS: 4523

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 2143

LENGTH: 19

TYPE: DNA

ORGANISM: Homo sapiens

FEATURE:

OTHER INFORMATION: Cyclin E ribozyme binding site

US-09-696-791-2143

Query Match 0.6%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 6.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1519 TTATTATTAGCAGCCAA 1535
DB 2 TTATTATTAGCAGCCAA 18

RESULT 649

US-08-564-002-25

Sequence 25, Application US/08564002

Patent No. 5714329

GENERAL INFORMATION:

APPLICANT: Dracopoli, Nicolas


```

; APPLICANT: Tucker, Margaret
; APPLICANT: Goldstein, Alissa
; TITLE OF INVENTION: Methods for the Diagnosis of a Genetic
; TITLE OF INVENTION: Predisposition to Cancer Associated with Variant CDK4
; TITLE OF INVENTION: Allele
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FLEHR, HOBBACH, TEST, ALBRITTON & HERBERT
; STREET: 4 Embarcadero Center, Suite 3400
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-4187
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/564,002
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Sherwood, Pamela J.
; REGISTRATION NUMBER: 36,677
; REFERENCE/DOCKET NUMBER: A-62562
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 781-1989
; TELEFAX: (415) 398-3249
; INFORMATION FOR SEQ ID NO: 25:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "Primer"
; US-08-564-002-25

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2339 CCCAAAGTCTGGGATT 2355
Db 1 CCCAAAGTCTGGGATT 17

RESULT 650
US-09-091-952A-152/c
; Sequence 152, Application US/09091952A
; Patent No. 6458532
; GENERAL INFORMATION:
; APPLICANT: Detera-Wadleigh, Sevilla D.
; Gershon, Elliot S.
; Badner, Judith A.
; Goldin, Lynn R.
; Berrettini, Wade H.
; Yoshikawa, Takeo
; Sanders, Alan R.
; Esterling, Lisa B.
; TITLE OF INVENTION: Chromosomal Markers and Diagnostic
; Tests for Manic-Depressive Illness
; NUMBER OF SEQUENCES: 197
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: CA
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette

```

```

; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/091,952A
; FILING DATE: 19-Apr-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/029,278
; FILING DATE: 28-OCT-1996
; APPLICATION NUMBER: PCT/US97/19381
; FILING DATE: 28-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, Timothy L.
; REGISTRATION NUMBER: 35,367
; REFERENCE/DOCKET NUMBER: 015280-297100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 152:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY:
; LOCATION: 1...20
; OTHER INFORMATION: Clone 23 forward primer
; SEQUENCE DESCRIPTION: SEQ ID NO: 152:
US-09-091-952A-152

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1904 CTTCTCTTTAGTATAAT 1920
Db 20 CTTCTCTTTAGTATGAT 4

RESULT 651
US-09-920-759-87
; Sequence 87, Application US/09920759
; Patent No. 6537811
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION
; FILE REFERENCE: RTS-0267
; CURRENT APPLICATION NUMBER: US/09/920,759
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-920-759-87

Query Match 0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 5.9e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2145 ATCTGGCTCACTGCAA 2161
Db 3 ATCTGGCTCACTACAA 19

RESULT 652

```

```

/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 6.0.5
/ SOFTWARE: WordPerfect
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/696,793A
/ FILING DATE: 19910507
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Kevin R. Kaster
/ REGISTRATION NUMBER: 32704
/ REFERENCE/DOCKET NUMBER: 2598
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (415) 420-3444
/ TELEFAX: (415) 658-5239
/ INFORMATION FOR SEQ ID NO: 34:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 20 base pairs
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: single stranded
/ TOPOLOGY: linear
/ MOLECULE TYPE: Other nucleic acid
/ US-07-696-793A-34
/
Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 159 GAGCGCCAGTCGCTGGCC 178
Db 20 GAGTGGCCAGTCGCTGTCC 1

RESULT 655
US-07-977-694-34/C
/ Sequence 34, Application US/07977694
/ Patent No. 5273883
/ GENERAL INFORMATION:
/ APPLICANT: Saiki, Randall K.
/ APPLICANT: Nasaarabadi, Shanavaz L.
/ TITLE OF INVENTION: Methods and Reagents for G Gamma Globin
/ TITLE OF INVENTION: Typing
/ NUMBER OF SEQUENCES: 58
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hoffmann-La Roche Inc.
/ STREET: 340 Kingsland Street
/ CITY: Nutley
/ STATE: New Jersey
/ COUNTRY: U.S.A.
/ ZIP: 07110-1199
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Diskette, 3.50 inch, 800 Kb storage
/ COMPUTER: Apple Macintosh
/ OPERATING SYSTEM: Macintosh 6.0.5
/ SOFTWARE: WordPerfect
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/07/977,694
/ FILING DATE: 19921117
/ CLASSIFICATION: 435
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Stacey R. Sias, Ph.D.
/ REGISTRATION NUMBER: 32,630
/ REFERENCE/DOCKET NUMBER: 8733
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (510) 814-2863
/ TELEFAX: (510) 814-2977

```

; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single stranded
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid
US-07-977-694-34

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 159 GAGCGCCAGTCCCTTGCC 178
||| |||||
Db 20 GAGTGGCCAGTGGCTGCT 1

RESULT 656

US-07-922-723A-35/c
; Sequence 35, Application US/07922723A
; Patent No. 5369004
; GENERAL INFORMATION:

; APPLICANT: Drs. Mihael H. Polymeropoulos
; APPLICANT: and Carl R. Merrill
; TITLE OF INVENTION: FIVE HIGHLY INFORMATIVE
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 73

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker

; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/922,723A

; FILING DATE:
; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills

; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081B

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111

; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)
US-07-922-723A-35

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACGAGCTTGCT 2115
||| |||||
Db 20 TCTTGAGACAGGCTTGCT 1

RESULT 657

US-07-799-828C-35/c
; Sequence 35, Application US/07799828C
; Patent No. 5378602
; GENERAL INFORMATION:

; APPLICANT: Drs. Carl R. Merrill and
; APPLICANT: Mihael H. Polymeropoulos
; TITLE OF INVENTION: TWENTY SEVEN HIGHLY INFORMATIVE
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 63

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lowe, Price, LeBlanc & Becker
; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/799,828C
; FILING DATE: 19911127

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:
; NAME: D.J. Mills

; REGISTRATION NUMBER: 34,506
; REFERENCE/DOCKET NUMBER: 717081A

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111

; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20
; TYPE: NUCLEIC ACID

; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)
US-07-799-828C-35

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACGAGCTTGCT 2115
||| |||||
Db 20 TCTTGAGACAGGCTTGCT 1

RESULT 658

US-07-952-277A-35/c
; Sequence 35, Application US/07952277A
; Patent No. 5861504
; GENERAL INFORMATION:

; APPLICANT: Drs. Mihael H. Polymeropoulos
; APPLICANT: and Carl R. Merrill

; TITLE OF INVENTION: ELEVEN HIGHLY INFORMATIVE
; TELECOMMUNICATION INFORMATION:
; NUMBER OF SEQUENCES: 85

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lowe, Price, LeBlanc & Becker

; STREET: Suite 300, 99 Canal Center Plaza
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22314

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: DOS Text File
; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/07/952,277A
; FILING DATE:

; CLASSIFICATION: 435

; ATTORNEY/AGENT INFORMATION:

```
; NAME: D.J. Mills
; REGISTRATION NUMBER: 34506
; REFERENCE/DOCKET NUMBER: 717081C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703 684 1111
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-07-952-277A-35

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2096 TTTTGAGACCGAGCTTGCT 2115
Db 20 TCTTGAGACAGGCTTGCT 1

RESULT 659
US-09-104-497-3
; Sequence 3, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASYLYK, Bohdan
; APPLICANT: TOCOQUE, Bruno
; APPLICANT: ALKHALAF, Mousa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSION MDM2
; FILE REFERENCE: A2716A-US
; CURRENT APPLICATION NUMBER: US/09/104,497
; CURRENT FILING DATE: 1998-06-25
; EARLIER APPLICATION NUMBER: 60/051,739
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-104-497-3

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1177 ATTCTTTGAAGAGATCCT 1196
Db 1 ACTCTTTGAAGGAGATCCT 20

RESULT 660
US-09-104-497-4/c
; Sequence 4, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASYLYK, Bohdan
; APPLICANT: TOCOQUE, Bruno
; APPLICANT: ALKHALAF, Mousa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSION MDM2
; FILE REFERENCE: A2716A-US
; CURRENT APPLICATION NUMBER: US/09/104,497
; CURRENT FILING DATE: 1998-06-25
; EARLIER APPLICATION NUMBER: 60/051,739
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Mus musculus
US-09-104-497-4

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1377 GCCTTTGATGTTCTGATTC 1396
Db 20 GCCTTGATGTGCCTGATGG 1

RESULT 661
US-09-289-267-162/c
; Sequence 162, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-162

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2115 TCTGTACCAGGCTGAGT 2134
Db 20 TCTGTCTCCAGGCTGAAGT 1

RESULT 662
US-09-289-267-165
; Sequence 165, Application US/09289267A
; Patent No. 6046320
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF MDMX EXPRESSION
; FILE REFERENCE: RTS-0049
; CURRENT APPLICATION NUMBER: US/09/289,267A
; CURRENT FILING DATE: 1999-04-04
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 165
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-289-267-165

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2111 TTGCTCTGTTACCCAGGCTG 2130
Db 1 TCGCGCTGTCACCCAGGCTG 20

RESULT 663
US-09-429-323-4
; Sequence 4, Application US/09429323A
```

```
; Patent No. 6140126
; Patent No. 6140126 6140123
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF Y-BOX BINDING PROTEIN 1 EXPRESSION
; FILE REFERENCE: RTS-0092
; CURRENT APPLICATION NUMBER: US/09/429,323A
; CURRENT FILING DATE: 1999-10-26
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-09-429-323-4

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      296 GGTGAGGAGCAGCAAAATGT 315
Db      1 GGTGAGGAGCAGCAAAATGT 20

RESULT 664
US-09-488-671-109
; Sequence 109, Application US/09488671A
; Patent No. 6187545
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PEPCCK-CYTOSOLIC EXPRESSION
; FILE REFERENCE: RTS-0123
; CURRENT APPLICATION NUMBER: US/09/488,671A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 177
; SEQ ID NO 109
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-671-109

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2092 TTTTCTTTGAGACCGAGTCT 2111
Db      1 TTTCTTTTGAGACCAAGTGT 20

RESULT 665
US-09-488-856A-71/c
; Sequence 71, Application US/09488856A
; Patent No. 6316259
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXP
; FILE REFERENCE: RTS-0115
; CURRENT APPLICATION NUMBER: US/09/488,856A
; CURRENT FILING DATE: 2000-01-21
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 71
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-488-856A-71

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2146 TCTTGCTCACTGCAAGCTC 2165
Db      20 TCTCGGGTCACTGCAACCTC 1

RESULT 666
US-09-357-740-8
; Sequence 8, Application US/09357740
; Patent No. 6348596
; GENERAL INFORMATION:
; APPLICANT: Lee, Linda G
; APPLICANT: Graham, Ronald J.
; APPLICANT: Mullah, Khaluzzaman B.
; APPLICANT: Haxo, Francis T.
; TITLE OF INVENTION: ASYMMETRIC CYANINE DYE QUENCHERS
; FILE REFERENCE: 9584-007
; CURRENT APPLICATION NUMBER: US/09/357,740
; CURRENT FILING DATE: 1999-07-20
; EARLIER APPLICATION NUMBER: 09/012,525
; EARLIER FILING DATE: 1998-01-23
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-357-740-8

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2319 TGATCGCCCACTCGGCCT 2338
Db      1 TGATCCACCCGCTCAGCCT 20

RESULT 667
US-09-798-096-16
; Sequence 16, Application US/09798096
; Patent No. 6393378
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF RECQL2 EXPRESSION
; FILE REFERENCE: RTS-0207
; CURRENT APPLICATION NUMBER: US/09/798,096
; CURRENT FILING DATE: 2001-03-01
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-798-096-16

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 2349 TGGGATTACAGCATGAGCC 2368
| | | | | | | | | | | | | | | |
Db 1 TAGGATTACAGGTGTGAGCC 20

RESULT 668

US-09-137-223A-14
; Sequence 14, Application US/09137223A
; Patent No. 6420525
; GENERAL INFORMATION:
; APPLICANT: Yee, David P
; APPLICANT: Deisher, Theresa A
; TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR
; TITLE OF INVENTION: ZGCL-1
; FILE REFERENCE: 97-18
; CURRENT APPLICATION NUMBER: US/09/137.223A
; CURRENT FILING DATE: 1998-08-19
; PRIOR APPLICATION NUMBER: 06/056,130
; PRIOR FILING DATE: 1997-08-19
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC14284
US-09-137-223A-14

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2140 GGGTCATCTGGCTCACTGC 2159
| | | | | | | | | | | | | | | |
Db 1 GTGCGATCTGGCTCACTGC 20

RESULT 669

US-09-725-265-42/c
; Sequence 42, Application US/09725265
; Patent No. 6492121
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KANAGAWA, YOICHI
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; APPLICANT: KOYAMA, OSAMU
; APPLICANT: FURUSHO, KENTA
; TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI
; TITLE OF INVENTION: NUCLEIC ACID PROBES FOR THE METHOD, AND METHOD FOR ANALYZING DAT
; TITLE OF INVENTION: THE METHOD
; FILE REFERENCE: 1995JUSOXDIV
; CURRENT APPLICATION NUMBER: US/09/725.265
; CURRENT FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: US 09/556,127
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: JP 1999-111601
; PRIOR FILING DATE: 1999-04-20
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: ARTIFICIAL SEQUENCE
; FEATURE:
; OTHER INFORMATION: SYNTHETIC DNA
US-09-725-265-42

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2048 TTTTTCCTTAATATGTAT 2067
| | | | | | | | | | | | | | | |
Db 20 TTTTTCCTTAATATATATAT 1

RESULT 670

US-09-733-294A-79/c
; Sequence 79, Application US/09733294A
; Patent No. 6492171
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Wanciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-79

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2106 GAGTCCTGCTGTTACCCA 2125
| | | | | | | | | | | | | | | |
Db 20 GAGTCCTGCTGTCGCCCA 1

RESULT 671

US-09-657-346A-32
; Sequence 32, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: R1S-0135
; CURRENT APPLICATION NUMBER: US/09/657,346A
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-32

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2275 GGTTTCACCGTGTAGCCAG 2294
| | | | | | | | | | | | | | | |
Db 1 GGTTTCACCATGTTGTGTCAG 20

RESULT 672

US-09-657-346A-33
; Sequence 33, Application US/09657346A

```
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-33

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2146 TCTGGCTCACTGCAAGCTC 2165
Db      1 TCTGGCTCACTACAACCTC 20

RESULT 673
US-09-657-346A-49
; Sequence 49, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-49

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2342 AAAGTCTGGGATTACAGGC 2361
Db      1 AAGTAGCTGGGATTACAGGC 20

RESULT 674
US-09-657-346A-66
; Sequence 66, Application US/09657346A
; Patent No. 6503754
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RTS-0135
; CURRENT FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-657-346A-66

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2285 TGTAGCCAGGATGGTCTCG 2304
Db      1 TGTGCCAGGGTGGTCTCG 20

RESULT 675
US-09-060-299-78
; Sequence 78, Application US/09060299
; Patent No. 6545137
; GENERAL INFORMATION:
; APPLICANT: Todd, John A
; APPLICANT: Hess, John W
; APPLICANT: Caskey, Charles T
; APPLICANT: Cox, Roger D
; APPLICANT: Gerhold, David
; APPLICANT: Hammond, Holly
; APPLICANT: Hey, Patricia
; APPLICANT: Kawaguchi, Yoshihiko
; APPLICANT: Merriman, Tony R
; APPLICANT: Metzker, Michael L
; TITLE OF INVENTION: No. 6545137el Receptor
; NUMBER OF SEQUENCES: 455
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Nixon and Vanderhye
; STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
; CITY: Arlington
; STATE: Virginia
; COUNTRY: US
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/060,299
; FILING DATE: 15-APR-1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/043,553
; FILING DATE: 15-APR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,740
; FILING DATE: 05-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: B.J.Sadoff
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 620-35
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703)816-4091
; TELEFAX: (703)816-4100
; INFORMATION FOR SEQ ID NO: 78:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-060-299-78

Query Match      0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2293 AGGATGCTCTCGATCTCTCG 2312
Db      1 TGTGCCAGGGTGGTCTCG 20
```

Db 1 AGGCTGGTCTCAAACTCCTG 20

RESULT 676

US-09-060-299-240/c
; Sequence 240, Application US/09060299
; Patent No. 6545137

GENERAL INFORMATION:

APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6545137el Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6545137th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/060,299
FILING DATE: 15-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-35
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 240:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-060-299-240

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2103 ACCGAGTCTTCGATCTGTAC 2122

Db 20 ACAGGGTCTGCTGTGTC 1

RESULT 677

US-09-402-923A-78
; Sequence 78, Application US/09402923A
; Patent No. 6555854

GENERAL INFORMATION:

APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T

Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. 6555654th Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 78:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-402-923A-78

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2293 AGGATGGTCTCGATCTCCTG 2312

Db 1 AGGCTGGTCTCAAACTCCTG 20

RESULT 678

US-09-402-923A-240/c
; Sequence 240, Application US/09402923A
; Patent No. 6555654

GENERAL INFORMATION:

APPLICANT: Todd, John A
APPLICANT: Hess, John W
APPLICANT: Caskey, Charles T
APPLICANT: Cox, Roger D
APPLICANT: Gerhold, David
APPLICANT: Hammond, Holly
APPLICANT: Hey, Patricia
APPLICANT: Kawaguchi, Yoshihiko
APPLICANT: Merriman, Tony R
APPLICANT: Metzker, Michael L
TITLE OF INVENTION: No. 6555654el LDL-Receptor
NUMBER OF SEQUENCES: 455

5194428-11/c
; Patent No. 5194428
; APPLICANT: AGRAWAL, SUDHIR; LEITER, JOSEF M.E.; PALESE, PETER
; ZAMECNIK, PAUL C.
; TITLE OF INVENTION: INHIBITION OF INFLUENZA VIRUS
; REPLICATION BY OLIGONUCLEOTIDE PHOSPHOROTHIOMATES
; NUMBER OF SEQUENCES: 12
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/516,275
; FILING DATE: 30-APR-1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 160,574
; FILING DATE: 26-FEB-1988
; APPLICATION NUMBER: 71,894
; FILING DATE: 10-JUL-1987
; APPLICATION NUMBER: 867,231
; FILING DATE: 23-MAY-1986
; SEQ ID NO:11:
; LENGTH: 20
5194428-11

Query Match 0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.1e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1111 AACTCTCAGATGATGATGAT 1130
Db 20 ATCTCTCAGATGATGATGAT 1

RESULT 683
US-09-081-646-3/c
; Sequence 3, Application US/09081646
; Patent No. 6333152
; GENERAL INFORMATION:
; APPLICANT: Kinzler, Kenneth
; APPLICANT: Vogelstein, Bert
; APPLICANT: Zhang, Lin
; APPLICANT: Zhou, Wei
; TITLE OF INVENTION: Gene Expression Profiles in No. 6333152mal and
; FILE OF INVENTION: Cancer Cells
; FILE REFERENCE: 01107.74664
; CURRENT APPLICATION NUMBER: US/09/081,646
; CURRENT FILING DATE: 1998-05-20
; EARLIER APPLICATION NUMBER: 60/047,352
; EARLIER FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 871
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-081-646-3

Query Match 0.6%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2350 GGGATTACAGGCATG 2364
Db 15 GGGATTACAGGCATG 1

RESULT 684
US-09-479-005A-139/c
; Sequence 139, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MBH00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; CURRENT FILING DATE: 2000-01-07

; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: US 60/059,473
; PRIOR FILING DATE: 1997-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 139
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-139

Query Match 0.8%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 6.7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 453 TATACTATGAAGAG 467
Db 16 TATACTATGAAGAG 2

RESULT 685
US-08-767-979-10
; Sequence 10, Application US/08767979
; Patent No. 5945283
; GENERAL INFORMATION:
; APPLICANT: Kwok, Pui-Yan
; APPLICANT: Chen, Xiangning
; TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
; TITLE OF INVENTION: Fluorescence Resonance Energy Transfer
; NUMBER OF SEQUENCES: 34
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Howell & Haferkamp, L.C.
; STREET: 7733 Forsyth Boulevard, Suite 1400
; CITY: St. Louis
; STATE: MO
; COUNTRY: USA
; ZIP: 63105-1817
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/767,979
; FILING DATE: 17-DEC-1996
; CLASSIFICATION: 455
; ATTORNEY/AGENT INFORMATION:
; NAME: Holland, Donald R
; REGISTRATION NUMBER: 35,197
; REFERENCE/DOCKET NUMBER: 96-5219
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 314-727-5188
; TELEFAX: 314-727-6092
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "D1888 PROBE; SYNTHETIC
; DESCRIPTION: NUCLEOTIDE SEQUENCE COMPLEMENTARY TO NUCLEOTIDES 21-39 IN SEQ ID
; DESCRIPTION: NO:8 AND SEQ ID NO:9; 5'END FLUORESCIN Labeled CYTOSINE;"
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1
; OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN
; OTHER INFORMATION: LABELED CYTOSINE,"

FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
US-08-767-979-10

Query Match 0.6%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2155 ACTGCAAGCTCTGCC 2169
|||||
Db 2 ACTGCAAGCTCTGCC 16

RESULT 686

US-09-295-026-10
Sequence 10, Application US/09295026
Patent No. 6177249

GENERAL INFORMATION:

APPLICANT: Kwok, Pui-Yan
Chen, Xiangning
TITLE OF INVENTION: Method for Nucleic Acid Analysis Using
Fluorescence Resonance Energy Transfer

NUMBER OF SEQUENCES: 34

CORRESPONDENCE ADDRESS:

ADDRESSEE: Howell & Haferkamp, L.C.
STREET: 7733 Foreyth Boulevard, Suite 1400
CITY: St. Louis
STATE: MO
COUNTRY: USA
ZIP: 63105-1817

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/295,026
FILING DATE: 20-Apr-1999
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/767,979
FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Holland, Donald R
REGISTRATION NUMBER: 35,197
REFERENCE/DOCKET NUMBER: 96-5219
TELEPHONE: 314-727-5188
TELEFAX: 314-727-6092

INFORMATION FOR SEQ ID NO: 10:

SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "D18S8 PROBE; SYNTHETIC
HYPOTHETICAL: NO
ANTI-SENSE: NO
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1
OTHER INFORMATION: /note= "N REPRESENTS 5' FLUORESCIN
LABELED CYTOSINE;"

FEATURE:

NAME/KEY: misc_feature
LOCATION: 1
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-295-026-10

Query Match 0.6%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.3e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2155 ACTGCAAGCTCTGCC 2169
|||||
Db 2 ACTGCAAGCTCTGCC 16

RESULT 687

US-09-422-978-8216
Sequence 8216, Application US/09422978
Patent No. 6537751

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/09/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 09/298,850
EARLIER FILING DATE: 1999-04-21
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER APPLICATION NUMBER: US 60/082,614
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8216
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-14468 for SEQ 351, in complem
US-09-422-978-8216

Query Match 0.6%; Score 15; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 6.2e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 829 ATGAATTATCTGTG 843
|||||
Db 1 ATGAATTATCTGTG 15

RESULT 688

US-09-679-299A-72
Sequence 72, Application US/09679299A
Patent No. 6566135

GENERAL INFORMATION:

APPLICANT: Vickie L. Brown-Driver
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 6 EXPRESSION
FILE REFERENCE: RTS-0187
CURRENT APPLICATION NUMBER: US/09/679,299A
CURRENT FILING DATE: 2000-10-04
NUMBER OF SEQ ID NOS: 164
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-679-299A-72

Query Match 0.6%; Score 15; DB 1; Length 20;

Best Local Similarity 100.0%; Pred. No. 6.2e+02;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2318 GTGATCCGCCACCT 2332
|||||
Db 5 GTGATCCGCCACCT 19

RESULT 689
US-09-443-199C-1171/c
; Sequence 1171, Application US/09443199C
; Patent No. 6670464
; GENERAL INFORMATION:
; APPLICANT: Shinketsu, Richard A.
; APPLICANT: Lesch, Martin
; TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide
; FILE REFERENCE: Polymorphisms and Methods of Use Thereof
; CURRENT APPLICATION NUMBER: 15966-534A
; CURRENT FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/109,024
; PRIOR FILING DATE: 1998-11-17
; NUMBER OF SEQ ID NOS: 1272
; SOFTWARE: CuraGen Patent Formatter Version 0.9
; SEQ ID NO 1171
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1172 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43129081
US-09-443-199C-1171

Query Match 0.6%; Score 15; DB 1; Length 51;
Best Local Similarity 61.5%; Pred. No. 4.2e+02;
Matches 24; Conservative 0; Mismatches 15; Indels 0; Gaps 0;
Qy 567 TTGGCGTCCCAAGCTCTCTGTGAAAGACGACAGGAAA 605
||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 45 TTGGGAGCCCAAGTGGCGGATCACAGGTGAGGAGA 7

RESULT 690
US-08-063-167A-4/c
; Sequence 4, Application US/08063167A
; Patent No. 5514788
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/063,167A
; FILING DATE: 19930517
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 51
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (26)...(0)
; OTHER INFORMATION: 1 of 2 allelic variants (1172 is other entry)
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Accession number cg43129081
US-09-443-199C-1171

; FILING DATE: August 14, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0002
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-063-167A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2322 TCCGCCCACTCGGCCTC 2339
||||| ||||| ||||| ||||| |||||
Db 18 TCTCCCACTCGGCCTC 1

RESULT 691
US-08-007-997A-4/c
; Sequence 4, Application US/08007997A
; Patent No. 5591623
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; NUMBER OF SEQUENCES: 82
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/007,997A
; FILING DATE: 19930121
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-08-063-167A-4

;
;
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-007-997A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2322 TCGCCCACTCGCCTC 2339
Db 18 TCCTCCACCTGACCTC 1

RESULT 692

US-08-440-740A-4/C
; Sequence 4, Application US/08440740A
; Patent No. 5843738
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/440,740A
; FILING DATE: May 12, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0133
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-8488
; TELEFAX: (609) 779-2400
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-440-740A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;

Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Qy 2322 TCGCCCACTCGCCTC 2339
Db 18 TCCTCCACCTGACCTC 1

RESULT 693

US-08-344-155C-4/C
; Sequence 4, Application US/08344155C
; Patent No. 5883082
; GENERAL INFORMATION:
; APPLICANT: Bennett and Stepkowski
; TITLE OF INVENTION: Compositions and Methods for Preventing
; TITLE OF INVENTION: and Treating Allograft Rejection
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/344,155C
; FILING DATE: No. 5883082ember 23, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/063,167
; FILING DATE: 5/17/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/007,997
; FILING DATE: 1/21/93
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/939,855
; FILING DATE: 9/2/92
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/567,286
; FILING DATE: 8/14/90
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0098
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-08-344-155C-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2322 TCGCCCACTCGCCTC 2339
Db 18 TCCTCCACCTGACCTC 1

Db 18 TCCTCCACCTCAGCCTC 1

RESULT 694
US-08-529-878B-33/c
; Sequence 33, Application US/08529878B
; Patent No. 5932556
; GENERAL INFORMATION:
; APPLICANT: Tam, Robert C.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
; REGULATION OF CD28 EXPRESSION
; NUMBER OF SEQUENCES: 48
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Crockett & Fish
; STREET: 3000 S. Augusta Court
; CITY: La Habra
; STATE: California
; COUNTRY: United States of America
; ZIP: 90631
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,878B
; FILING DATE: 13-SEP-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Fish, Robert D.
; REGISTRATION NUMBER: 33,880
; REFERENCE/DOCKET NUMBER: 213/003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 714-525-3433
; TELEFAX: 714-525-3303
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: unknown
; TOPOLOGY: unknown
; MOLECULE TYPE: DNA (genomic)
US-08-529-878B-33

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2355 TACAGGCGTGAGCCACCG 2372
|||||

Db 18 TACAGGCGTGAGCCACGT 1

RESULT 695
US-08-403-888A-120/c
; Sequence 120, Application US/08403888A
; Patent No. 5952490
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5952490ris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/403,888A
FILING DATE: 12-JUN-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/954,185
FILING DATE: 29-SEP-1992
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-403-888A-120

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCCGCCACCTCGGCCTC 2339
|||||

Db 18 TCCTCCACCTCAGCCTC 1

RESULT 696
US-08-982-845B-4/c
; Sequence 4, Application US/08982845B
; Patent No. 6015894
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/982,845B
; FILING DATE: December 2, 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 21, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 567,286
;; FILING DATE: August 14, 1990
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0243
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (609) 779-8488
;; TELEFAX: (609) 779-8488
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18
;; TYPE: Nucleic Acid
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
US-08-982-845B-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCCGCCACCTCGCCTC 2339
DB 18 TCCTCCACCTCAGCCTC 1

RESULT 697
US-08-859-167-7
; Sequence 7, Application US/08859167
; Patent No. 6037461
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6037461ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/859,167
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-859-167-7

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 2293 AGGATGGTCTCGATCTCC 2310
DB 1 AGGCTGGTCTCGAATCC 18

RESULT 698
US-09-339-993-43/c
; Sequence 43, Application US/09339993A
; Patent No. 6040179
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF G-ALPHA-I2 EXPRESSION
; FILE REFERENCE: RTS-0064
; CURRENT APPLICATION NUMBER: US/09/339,993A
; CURRENT FILING DATE: 1999-06-25
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 43
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-993-43

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1147 CTGTGTATCAGGAGGGG 1164
DB 18 CTGTGTATCAGGAGGGG 1

RESULT 699
US-09-109-273-7
; Sequence 7, Application US/09109273
; Patent No. 6063760
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; APPLICANT: Fernandez-Alnemri, Teresa
; TITLE OF INVENTION: FADD-LIKE ANTI-APOPTOTIC MOLECULES, METHODS OF
; TITLE OF INVENTION: USING THE SAME, AND COMPOSITIONS FOR AND METHODS
; TITLE OF INVENTION: OF MAKING THE SAME
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock, Washburn, Kurtz, Mackiewicz & No. 6063760ris
; STREET: One Liberty Place, 46th floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: WINDOWS
; SOFTWARE: WordPerfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/109,273
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/859,167
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Deluca, Mark
; REGISTRATION NUMBER: 33,229
; REFERENCE/DOCKET NUMBER: TJU-
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-109-273-7

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-09-109-273-7

Query Match          0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2293 AGGATGGTCTCGATCTCC 2310
Db 1 AGGCTGGTCTCGAATCC 18

RESULT 700
US-08-991-525B-4/c
; Sequence 4, Application US/08991525B
; Patent No. 6093811
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 87
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 21, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0247
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (856) 810-1515
; TELEFAX: (856) 810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear

; ANTI-SENSE: Yes
US-08-991-525B-4

Query Match          0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2322 TCCGCCCACTCGGCCTC 2339
Db 18 TCCTCCCACTCGGCCTC 1

RESULT 701
US-08-985-759-4/c
; Sequence 4, Application US/09085759
; Patent No. 6096722
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Christopher Mirabelli,
; APPLICANT: Brenda Baker
; TITLE OF INVENTION: Antisense Modulation of Cell Adhesion
; TITLE OF INVENTION: Molecule Expression and Treatment of Cell Adhesion
; TITLE OF INVENTION: Molecule-Associated Diseases
; NUMBER OF SEQUENCES: 109
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/085,759
; FILING DATE: herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0311
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 779-2400
; TELEFAX: (609) 779-8488
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-085-759-4
```


Qy 2322 TCCGCCACCTCGGCCTC 2339
||| ||| ||| ||| |||
Db 18 TCCTCCACCTCAGCCTC 1

```

US-09-018-584A-69/c
; Sequence 69, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND
; TITLE OF INVENTION: IDENTIFYING A
; TITLE OF INVENTION: REPEAT DNA MA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.

```

ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.

```
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026,9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; US-09-018-584A-69

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2110 CTTGCTCTGTACCAGG 2127
Db 18 CTTGCTCTGTGCCAGG 1

RESULT 705
US-09-009-490A-4/c
; Sequence 4, Application US/09009490A
; Patent No. 6300491
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 95
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Office of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: Windows 95
; SOFTWARE: WORDPERFECT 6.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/009,490A
; FILING DATE: January 20, 1998
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 440,740
; FILING DATE: May 12, 1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 063,167
; FILING DATE: May 17, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 969,151
; FILING DATE: February 10, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 007,997
; FILING DATE: January 20, 1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
```

```
; FILING DATE: September 2, 1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 567,286
; FILING DATE: August 14, 1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0268
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (609) 810-1515
; TELEFAX: (609) 810-1454
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; US-09-009-490A-4

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2322 TCCGCCACCTCGGCCTC 2339
Db 18 TCCGCCACCTCGGCCTC 1

RESULT 706
US-09-723-450-7
; Sequence 7, Application US/09723450
; Patent No. 6576751
; GENERAL INFORMATION:
; APPLICANT: Alnemri, Emad S.
; TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, And Methods Of Making The Same
; TITLE OF INVENTION: Compositions For And Methods Of Making The Same
; FILE REFERENCE: TJU2445
; CURRENT APPLICATION NUMBER: US/09/723,450
; CURRENT FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: 09/276,993
; PRIOR FILING DATE: 1999-03-26
; PRIOR APPLICATION NUMBER: 08/859,167
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: No. 6576751el Sequence
; US-09-723-450-7

Query Match 0.6%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2293 AGGATGGTCTCGATCTCC 2310
Db 1 AGGCTGGTCTCGAACTCC 18

RESULT 707
US-09-784-423-69/c
; Sequence 69, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
```

```

; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 69
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 69
; US-09-784-423-69
;
; Query Match 0.6%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 6.6e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2110 CTTGCTCTGTTACCCAGG 2127
; Db 18 CTTGCTCTGTTGCCAGG 1
;
; RESULT 708
; PCT-US93-08101-4/c
; Sequence 4, Application PC/TUS9308101
; GENERAL INFORMATION:
; APPLICANT: Bennett and Mirabelli
; TITLE OF INVENTION: Oligonucleotide Modulation
; TITLE OF INVENTION: of Cell Adhesion
; NUMBER OF SEQUENCES: 85
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodland Falls Corporate Park
; STREET: 210 Lake Drive East, Suite 201
; CITY: Cherry Hill
; STATE: NJ
; COUNTRY: USA
; ZIP: 08002
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US93/08101
; FILING DATE: Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 939,855
; FILING DATE: September 2, 1992
;
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/05209
; FILING DATE: July 23, 1991
; PRIOR APPLICATION DATA: 567,286
; APPLICATION NUMBER:
; FILING DATE: August 14, 1990
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; PCT-US93-08101-4
;
; Query Match 0.6%; Score 14.8; DB 1; Length 18;
; Best Local Similarity 88.9%; Pred. No. 6.6e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2322 TCGCCACCTCGGCTC 2339
; Db 18 TCCTCCACCTCAGCCTC 1
;
; RESULT 709
; US-09-018-584A-64/c
; Sequence 64, Application US/09018584A
; Patent No. 6238863
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; TITLE OF INVENTION: REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/018,584A
; FILING DATE: 04-Feb-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 64:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: Nucleic Acid
; STRANDEDNESS: Single

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```
;
; TOPOLOGY: Linear
; US-09-018-584A-64
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2106 GAGTCTGCTCTGTACC 2123
;      ||||| ||||| ||||| |||||
; Db 19 GAGTCTGCTCTGTGCC 2
;
; RESULT 710
; US-09-672-717-128
; Sequence 128, Application US/09672717
; Patent No. 6673917
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025001
; CURRENT APPLICATION NUMBER: US/09/672,717
; CURRENT FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
; US-09-672-717-128
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1093 TTAGTGAAGAGGACAAG 1110
;      ||| ||||| ||||| |||||
; Db 2 TTACTGAAGAGGAAG 19
;
; RESULT 711
; US-09-784-423-64/c
; Sequence 64, Application US/09784423
; Patent No. 6767703
; GENERAL INFORMATION:
; APPLICANT: Schumm, James W.
; APPLICANT: Bacher, Jeffery W.
; TITLE OF INVENTION: MATERIALS AND METHODS FOR
; IDENTIFYING AND ANALYZING INTERMEDIATE TANDEM
; REPEAT DNA MARKERS
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Promega Corporation
; STREET: 2800 Woods Hollow Road
; CITY: Madison
; STATE: Wisconsin
; COUNTRY: U.S.A.
; ZIP: 53711-5399
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
; COMPUTER: IBM compatible PC
; OPERATING SYSTEM: Windows 95
; SOFTWARE: Word 97 (DOS text format)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/784,423
; FILING DATE: 15-Feb-2001
; CLASSIFICATION: <Unknown>
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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/018,584
; FILING DATE: 04-Feb-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: Grady J. Frenchick
; REGISTRATION NUMBER: 29,018
; REFERENCE/DOCKET NUMBER: 16026.9180
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (608) 257-3501
; TELEFAX: (608) 257-2275
; INFORMATION FOR SEQ ID NO: 64
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 64
; US-09-784-423-64
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 2106 GAGTCTTGTCTGTACC 2123
;      ||||| ||||| ||||| |||||
; Db 19 GAGTCTGCTCTGTGCC 2
;
; RESULT 712
; US-09-696-791-2142
; Sequence 2142, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2142
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin E ribozyme binding site
; US-09-696-791-2142
;
; Query Match          0.6%; Score 14.8; DB 1; Length 19;
; Best Local Similarity 88.9%; Pred. No. 6.5e+02;
; Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
; QY 1517 CATTATTATAGCAGCCA 1534
;      ||||| ||||| ||||| |||||
; Db 2 CTTATTATTGCAGCCA 19
;
; RESULT 713
; US-09-513-999C-16016/c
; Sequence 16016, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59.US2.REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; CURRENT FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
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; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 16016
; LENGTH: 81
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 7
; OTHER INFORMATION: n=a, g, c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 8
; OTHER INFORMATION: n=a, g, c or t
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 48
; OTHER INFORMATION: r=a or g
US-09-513-999C-16016

Query Match      0.6%; Score 14.8; DB 1; Length 81;
Best Local Similarity 67.9%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 891 GATCAAGACCTGCTCTGTGTGTAATAA 918
      ||||| ||||| ||||| ||||| |||||
Db 32 GATGAACCTGCTCTACTTAANAA 5

RESULT 714
US-09-513-999C-15118
; Sequence 15118, Application US/09513999C
; Patent No. 6783961
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Duclert, A.
; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.
; FILE REFERENCE: 59 US2,REG
; CURRENT APPLICATION NUMBER: US/09/513,999C
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/122,487
; PRIOR FILING DATE: 1999-02-26
; NUMBER OF SEQ ID NOS: 36681
; SOFTWARE: Patent.pm
; SEQ ID NO 15118
; LENGTH: 100
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-513-999C-15118

Query Match      0.6%; Score 14.8; DB 1; Length 100;
Best Local Similarity 51.5%; Pred. No. 2.9e+02;
Matches 34; Conservative 0; Mismatches 32; Indels 0; Gaps 0;

QY 1007 AGTGATGCTGGATCAGGATTCAGTTCAGATCAGTTAGTGTAGATTTGAAGTTGA 1066
      ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Db 14 AGTGGATGATCACAGGTTCAGAGGTTTGAGACCAGCTGGCCAAACATGCTGAACCCCT 73

QY 1067 ATCTCT 1072
      |||||
Db 74 GTCTCT 79

RESULT 715
US-09-479-005A-260
; Sequence 260, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: 60/064,997
; CURRENT APPLICATION NUMBER: 60/064,997
; PRIOR FILING DATE: 1998-11-10
; PRIOR APPLICATION NUMBER: PCT/US98/23765
; CURRENT FILING DATE: 2000-09-08
; CURRENT APPLICATION NUMBER: US/09/531,000
; FILE REFERENCE: 2448-103
; TITLE OF INVENTION: TRIPLEX IN-SITU HYBRIDIZATION
; APPLICANT: JOHNSON, Marion D.
; APPLICANT: FRESCO, Jacques R.
; GENERAL INFORMATION:
; Sequence 72, Application US/09531000
; Patent No. 6461810
; ORGANISM: Homo sapiens
US-09-531-000-72/c

Query Match      0.6%; Score 14.4; DB 1; Length 16;
Best Local Similarity 68.8%; Pred. No. 7.2e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 2302 TCGATCTCTCGACCTC 2317
      :||| :||| :||| :||| :||| :||| :||| :||| :||| :|||
Db 1 UCGAACUCCUGACCU 16

RESULT 717
US-09-531-000-72/c
; Sequence 72, Application US/09531000
; Patent No. 6461810
; ORGANISM: Homo sapiens
US-09-479-005A-271
; Sequence 271, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEHE00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 271
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-271

Query Match      0.6%; Score 14.4; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTG 2140
      ||||| ||||| ||||| ||||| |||||
Db 1 AGGCUGGAUUGCAGUG 16

RESULT 716
US-09-479-005A-271
; Sequence 271, Application US/09479005A
; Patent No. 6656731
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity
; FILE REFERENCE: MEHE00-884-C
; CURRENT APPLICATION NUMBER: US/09/479,005A
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/444,209
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: US 09/159,274
; PRIOR FILING DATE: 1998-09-22
; NUMBER OF SEQ ID NOS: 1208
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 271
; LENGTH: 16
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-479-005A-271

Query Match      0.6%; Score 14.4; DB 1; Length 16;
Best Local Similarity 75.0%; Pred. No. 7.2e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2125 AGGCTGGAGTGCAGTG 2140
      ||||| ||||| ||||| ||||| |||||
Db 1 AGGCUGGAUUGCAGUG 16

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;; PRIOR FILING DATE: 1997-11-10
;; NUMBER OF SEQ ID NOS: 77
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 72
;; LENGTH: 17
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Target
;; OTHER INFORMATION: sequences
US-09-531-000-72

Query Match 0.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1305 GAAGATAAAGGGAAG 1320
17 GAAGATAAAGGGAAG 2

RESULT 718
US-09-866-108A-7367
; Sequence 7367, Application US/09866108A
; Patent No. 6686188

;; GENERAL INFORMATION:

;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark

;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AEOICA-7

;; CURRENT APPLICATION NUMBER: US/09/866,108A

;; CURRENT FILING DATE: 2001-05-25

;; PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26

;; PRIOR APPLICATION NUMBER: GB 24263.6

;; PRIOR FILING DATE: 2000-10-04

;; PRIOR APPLICATION NUMBER: US 60/236,359

;; PRIOR FILING DATE: 2000-09-27

;; PRIOR APPLICATION NUMBER: PCT/US01/00666

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00667

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00664

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00665

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00668

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00663

;; PRIOR FILING DATE: 2001-01-30

;; Remaining Prior Application data removed - See File Wrapper or PALM.

;; NUMBER OF SEQ ID NOS: 15755

;; SOFTWARE: Aecomica Sequence Listing Engine

;; Patent No. 6686188

;; SEQ ID NO 7367

;; LENGTH: 17

;; TYPE: DNA

;; ORGANISM: Homo sapiens

US-09-866-108A-7367

Query Match 0.6%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 7.1e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 818 AGAAATTCAGTGA 833
|||||

Db 2 AGAAATTCAGTGA 17

RESULT 719

US-09-866-108A-7369

;; Sequence 7369, Application US/09866108A

;; Patent No. 6686188

;; GENERAL INFORMATION:

;; APPLICANT: GU, Yizhong

;; APPLICANT: JI, Yonggang

;; APPLICANT: PENN, Sharron G.

;; APPLICANT: HANZEL, David K.

;; APPLICANT: RANK, David R.

;; APPLICANT: CHEN, Wensheng

;; APPLICANT: SHANNON, Mark

;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

;; FILE REFERENCE: AEOICA-7

;; CURRENT APPLICATION NUMBER: US/09/866,108A

;; CURRENT FILING DATE: 2001-05-25

;; PRIOR APPLICATION NUMBER: US 60/207,456

;; PRIOR FILING DATE: 2000-05-26

;; PRIOR APPLICATION NUMBER: GB 24263.6

;; PRIOR FILING DATE: 2000-10-04

;; PRIOR APPLICATION NUMBER: US 60/236,359

;; PRIOR FILING DATE: 2000-09-27

;; PRIOR APPLICATION NUMBER: PCT/US01/00666

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00667

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00664

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00669

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00665

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00668

;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00663

;; PRIOR FILING DATE: 2001-01-30

;; Remaining Prior Application data removed - See File Wrapper or PALM.

;; NUMBER OF SEQ ID NOS: 15755

;; SOFTWARE: Aecomica Sequence Listing Engine

;; Patent No. 6686188

;; SEQ ID NO 7369

;; LENGTH: 17

;; TYPE: DNA

;; ORGANISM: Homo sapiens

US-09-866-108A-7369

Query Match 0.6%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 7.1e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 GAAATTCAGTGA 834

|||||

Db 1 GAAATTCAGTGA 16

RESULT 720

US-08-142-845-5

;; Sequence 5, Application US/08142845

;; Patent No. 5496699

;; GENERAL INFORMATION:

;; APPLICANT: Sorenson, George D.

;; TITLE OF INVENTION: Detection of

;; TITLE OF INVENTION: Gene Sequences

;; TITLE OF INVENTION: In Biological

;; TITLE OF INVENTION: Fluids

;; NUMBER OF SEQUENCES: 20

;; CORRESPONDENCE ADDRESS:

;; ADDRESSEE: Lahive & Cockfield

;; STREET: 60 State Street

;; CITY: Boston

```

; STATE: Massachusetts
; COUNTRY: U.S.A.
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: ASCII Text
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/142,845
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/874,845
; FILING DATE: 27-APR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: William C. Geary III
; REGISTRATION NUMBER: 31,357
; REFERENCE/DOCKET NUMBER: DCI-037
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
US-08-142-845-5

Query Match      0.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      743 AGAGAAACCTTCATCT 758
DB      2 AGAGAAACCTTTATCT 17

RESULT 721
US-08-551-275-9
; Sequence 9, Application US/08551275
; Patent No. 5679551
; GENERAL INFORMATION:
; APPLICANT: Alderete, John P.
; TITLE OF INVENTION: Unique Double-Stranded RNAs Associated
; WITH THE TRICHOMONAS VAGINALIS VIRUS
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: TX
; COUNTRY: US
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/551,275
; FILING DATE: 30-OCT-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Cordeir, Timothy S.
; REGISTRATION NUMBER: 38,414
; REFERENCE/DOCKET NUMBER: UTSK:267/COD
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (512) 418-3000
; TELEFAX: (512) 474-7577
; TELEX: N/A

STATE: Massachusetts
COUNTRY: U.S.A.
ZIP: 02109
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy Disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: ASCII Text
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/142,845
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 07/874,845
FILING DATE: 27-APR-1992
ATTORNEY/AGENT INFORMATION:
NAME: William C. Geary III
REGISTRATION NUMBER: 31,357
REFERENCE/DOCKET NUMBER: DCI-037
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617) 227-7400
TELEFAX: (617) 227-5941
INFORMATION FOR SEQ ID NO: 5:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-142-845-5

Query Match      0.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      743 AGAGAAACCTTCATCT 758
DB      2 AGAGAAACCTTTATCT 17

RESULT 722
US-08-483-746A-6
; Sequence 6, Application US/08483746A
; Patent No. 6020124
; GENERAL INFORMATION:
; APPLICANT: George D. Sorenson
; TITLE OF INVENTION: Detection of Gene Sequences in Biological
; FLUIDS
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: LAHIVE & COCKFIELD
; STREET: 60 State Street, suite 510
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/483,746A
; FILING DATE: 07-JUN-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/142,845
; FILING DATE: 25-OCT-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Jean M. Silveri
; REGISTRATION NUMBER: 39,030
; REFERENCE/DOCKET NUMBER: DCI-037CNCP
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 227-7400
; TELEFAX: (617) 227-5941
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
US-08-483-746A-6

Query Match      0.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      743 AGAGAAACCTTCATCT 758
DB      2 AGAGAAACCTTTATCT 17

RESULT 723
US-09-137-075-1
; Sequence 1, Application US/09137075
; Patent No. 6150105
; GENERAL INFORMATION:

```

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; APPLICANT: Dahlhauser, Paul
; TITLE OF INVENTION: Methods of Screening Nucleic Acids for
; FILE REFERENCE: 07036.0001
; CURRENT APPLICATION NUMBER: US/09/137,075
; CURRENT FILING DATE: 1998-08-20
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Oligonucleotide, Single-Stranded
; OTHER INFORMATION: Amplification Primer
US-09-137-075-1

Query Match          0.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 743 AGAGAAACCTTCACT 758
Db 2 AGAGAAACCTTATCT 17

RESULT 724
US-09-717-793-1
; Sequence 1, Application US/09717793
; Patent No. 6610486
; GENERAL INFORMATION:
; APPLICANT: Dahlhauser, Paul
; TITLE OF INVENTION: Methods of Screening Nucleic Acids for
; FILE REFERENCE: 07036.0002
; CURRENT APPLICATION NUMBER: US/09/717,793
; CURRENT FILING DATE: 2000-11-20
; PRIOR APPLICATION NUMBER: PCT/US99/19007
; PRIOR FILING DATE: 1999-08-18
; PRIOR APPLICATION NUMBER: 09/137,075
; PRIOR FILING DATE: 1998-08-20
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: Oligonucleotide, Single-Stranded
; OTHER INFORMATION: Amplification Primer
US-09-717-793-1

Query Match          0.6%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 743 AGAGAAACCTTCACT 758
Db 2 AGAGAAACCTTATCT 17

RESULT 725
US-09-377A-20/c
; Sequence 20, Application US/09596377A
; Patent No. 6602850
; GENERAL INFORMATION:
; APPLICANT: MAGATIN PHARMACEUTICALS, INC.
; TITLE OF INVENTION: Biological Variability of Asthma
; Associated Factors Useful in Treating and Diagnosing
; Atopic Allergies Including Asthma and Related Disorders
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Morgan, Lewis & Bockius LLP

```

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; STREET: 1800 M St., NW
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/596,377A
; FILING DATE: 16-Jun-2000
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/032,224
; FILING DATE: 02-DEC-1996
; APPLICATION NUMBER: US 08/980,872
; FILING DATE: 01-DEC-1997
; APPLICATION NUMBER: PCT/US97/21992
; FILING DATE: 02-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Michael S. Tuscan
; REGISTRATION NUMBER: 43,210
; REFERENCE/DOCKET NUMBER: 36870-5057-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202 467 7000
; TELEFAX: 202 467 7176
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; SEQUENCE DESCRIPTION: SEQ ID NO: 20:
US-09-596-377A-20

Query Match          0.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2322 TCCGCCACCTCGGCC 2337
Db 18 TCCGCCACCTCGTCC 3

RESULT 726
US-09-696-791-1868/c
; Sequence 1868, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; TITLE OF INVENTION: SKIN AND EYE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1868
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1868

Query Match          0.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1217 TTGGAATGCACTTCA 1232

```



```
Db      19 TTGGAATGAACCTCA 4
|||||
RESULT 727
US-09-696-791-1870/c
; Sequence 1870, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1870
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin D1 ribozyme binding site
US-09-696-791-1870
Query Match      0.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1216 ATTGGAATGCACTTC 1231
|||||
Db      16 ATTGGAATGAACCTC 1

RESULT 728
US-09-696-791-3180/c
; Sequence 3180, Application US/09696791
; Patent No. 6770633
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3180
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin A1 ribozyme binding site
US-09-696-791-3180
Query Match      0.6%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 6.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      1128 GATGAGGTATATCAAG 1143
|||||
Db      17 GATGGGGTATATCAAG 2

RESULT 729
US-09-422-978-2999/c
; Sequence 2999, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta

; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020Cp1
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 2999
; LENGTH: 47
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: allele
; LOCATION: 24
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T
US-09-422-978-2999
Query Match      0.6%; Score 14.2; DB 1; Length 47;
Best Local Similarity 59.5%; Pred. No. 4.7e+02;
Matches 22; Conservative 1; Mismatches 14; Indels 0; Gaps 0;

Qy      785 CTCATCTAGAAGGAGACCAATTAGTGACGACAGAGAA 821
|||||
Db      43 CAGCCTATATCCTAGCATTGTGGAGGCTGAGGCA 7

RESULT 730
US-08-454-557C-91/c
; Sequence 91, Application US/08454557C
; Patent No. 5830670
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/454,557C
; FILING DATE: 30-MAY-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
US-08-454-557C-91
Query Match      0.6%; Score 14.2; DB 1; Length 84;
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Best Local Similarity 54.9%; Pred. No. 3.3e+02;
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

Qy 2277 TTTTCACGGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCC 2327
||||| - ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
Dd 63 TTTTGGAGGCTGAGCGCGCGCGATCACGAGGTGAGGAGTTCGACACCAGCC 13

RESULT 731

US-08-340-426D-91/C
; Sequence 91, Application US/08340426D
; Patent No. 5948634
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005-3934
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/340,426D
; FILING DATE: 14-Nov-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Ludwig, Steven R.
; REGISTRATION NUMBER: 36,203
; REFERENCE/DOCKET NUMBER: 0609.3840002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 91:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 84 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; US-08-340-426D-91

Query Match 0.6%; Score 14.2; DB 1; Length 84;
Best Local Similarity 54.9%; Pred. No. 3.3e+02;
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

QY 2277 TTTACCGGTGTAGCCAGATGGTCTCGATCTCCTGACCTCGTGATCGCC 2327
||| - - - - - ||| - - - - - ||| - - - - - ||| - - - - - |||
Db 63 TTTGGGAGGTCGAGCGGCGGATCACGAGTTCAGGAGTTCGACACCGCC 13

RESULT 732

US-08-450-673C-91/c
; Sequence 91, Application US/08450673C
; Patent No. 5948888
; GENERAL INFORMATION:
; APPLICANT: de la Monte, Suzanne
; APPLICANT: Wands, Jack R.
; TITLE OF INVENTION: Neural Thread Protein Gene Expression and Detection
; TITLE OF INVENTION: of Alzheimer's Disease
; NUMBER OF SEQUENCES: 121
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.

COUNTRY: U.S.A.
ZIP: 20005-3934
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/450,673C
FILING DATE: 30-MAY-1995
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Ludwig, Steven R.
REGISTRATION NUMBER: 36,203
REFERENCE/DOCKET NUMBER: 0609.3840004
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 371-2600
TELEFAX: (202) 371-2540
INFORMATION FOR SEQ ID NO: 91:
SEQUENCE CHARACTERISTICS:
LENGTH: 84 base pairs
TYPE: nucleic acid
STRANDEDNESS: both
TOPOLOGY: both
US-08-450-673C-91

Query Match	0.6%	Score 14.2;	DB 1;	Length 84;
Best Local Similarity	54.9%	Pred. No. 3.3e+02;		
Matches	28;	Conservative	0;	Mismatches 23; Indels 0; Gaps 0;
Qy	2277	TTTTCACCGGTGTTAGCCAGGATGGTCTCGATCTCTCTGACCTCGTATCCGCC	2327	
Db	63	TTTGGGAGGCTGAGCGGGCGGATACAGAGGTCAGAGTTCGACACCAAGCC	13	

RESULT 733

PCT-US95-17111A-91/c
 ; Sequence 91, Application PC/TUS9517111A
 ; GENERAL INFORMATION:
 ; APPLICANT: de la Monte, Suzanne
 ; APPLICANT: Wands, Jack R.
 ; TITLE OF INVENTION: Neural Thread Protein Gene Expression and
 ; TITLE OF INVENTION: Detection of Alzheimer's Disease
 ; NUMBER OF SEQUENCES: 121
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C.
 ; STREET: 1100 New York Avenue, Suite 600
 ; CITY: Washington
 ; STATE: D.C.
 ; COUNTRY: U.S.A.
 ; ZIP: 20005-3934
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patent In Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: PCT/US95/17111A
 ; FILING DATE:
 ; CLASSIFICATION:
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: 08/340,426
 ; FILING DATE: 14-NOV-1994
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Ludwig, Steven R.
 ; REGISTRATION NUMBER: 36,203
 ; REFERENCE/DOCKET NUMBER: 0609.3840002
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (202) 371-2600
 ; TELEFAX: (202) 371-2540
 ; INFORMATION FOR SEQ ID NO: 91:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 84 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
PCT-US95-17111A-91

Query Match 0.6%; Score 14.2; DB 1; Length 84;
Best Local Similarity 54.9%; Pred. No. 3.3e+02;
Matches 28; Conservative 0; Mismatches 23; Indels 0; Gaps 0;

QY 2277 TTTCACCGTGTAGCCAGGATGGTCTCGATCTCTGACCTCGTGATCCGCC 2327

Db 63 TTTCGGAGGCTAGCGCGCGGATCAGCAGGTGAGGTTGACACACGACC 13

RESULT 734

US-09-621-976-12767/c
; Sequence 12767, Application US/09621976

; Patent No. 6639063

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Jobert, S.

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: GENSET.054PR2

; CURRENT APPLICATION NUMBER: US/09/621,976

; CURRENT FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 19335

; SOFTWARE: Patent.pm

; SEQ ID NO 12767

; LENGTH: 85

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-621-976-12767

Query Match 0.6%; Score 14.2; DB 1; Length 85;
Best Local Similarity 70.4%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 8; Indels 0; Gaps 0;

QY 890 TGATGAAGCTGGCTCTGTGTGAAT 916

Db 27 TGTGAACCATGCTCTGTGAATAAT 1

RESULT 735

US-09-621-976-13007
; Sequence 13007, Application US/09621976

; Patent No. 6639063

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Jobert, S.

; TITLE OF INVENTION: ESTs and Encoded Human Proteins.

; FILE REFERENCE: GENSET.054PR2

; CURRENT APPLICATION NUMBER: US/09/621,976

; CURRENT FILING DATE: 2000-07-21

; NUMBER OF SEQ ID NOS: 19335

; SOFTWARE: Patent.pm

; SEQ ID NO 13007

; LENGTH: 94

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-621-976-13007

Query Match 0.6%; Score 14.2; DB 1; Length 94;
Best Local Similarity 52.5%; Pred. No. 3.1e+02;
Matches 31; Conservative 0; Mismatches 28; Indels 0; Gaps 0;

QY 1074 GACTCAGAGATTATAGCTTAGTGAAGAGGACAAGCACTCTCAGATGAAGATGATGA 1132

Db 20 GGCGGAGTGGTGGATCATGAGTTCAGGATCAGACCATCTCTGCTAACACGATGA 78

RESULT 736

US-09-621-976-13007

US-09-479-005A-254
; Sequence 254, Application US/09479005A
; Patent No. 6656731

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; TITLE OF INVENTION: Nucleic Acid Catalysts with Endonuclease Activity

; FILE REFERENCE: MHB00-884-C

; CURRENT APPLICATION NUMBER: US/09/479,005A

; CURRENT FILING DATE: 2000-01-07

; PRIOR APPLICATION NUMBER: US 09/444,209

; PRIOR FILING DATE: 1999-11-19

; PRIOR APPLICATION NUMBER: US 09/159,274

; PRIOR FILING DATE: 1998-09-22

; PRIOR APPLICATION NUMBER: US 60/059,473

; PRIOR FILING DATE: 1997-09-22

; NUMBER OF SEQ ID NOS: 1208

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 254

; LENGTH: 16

; TYPE: RNA

; ORGANISM: Homo sapiens

US-09-479-005A-254

Query Match 0.6%; Score 14; DB 1; Length 16;
Best Local Similarity 71.4%; Pred. No. 7.6e+02;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1229 TTCATGCAATGAA 1242

Db 1 UUCAUGCAUAGAAA 14

RESULT 737

US-09-827-998-413/c
; Sequence 413, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDHMOF-8

; CURRENT APPLICATION NUMBER: US/09/827,998

; CURRENT FILING DATE: 2001-04-06

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881

; SOFTWARE: Aecomica Sequence Listing Engine

; Patent No. 6656700

; SEQ ID NO 413

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-827-998-413

Query Match 0.6%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369

Db 17 ACAGGCATGAGCCA 4

RESULT 738

US-09-827-998-414/c
; Sequence 414, Application US/09827998

; Patent No. 6656700

; GENERAL INFORMATION:

; APPLICANT: Gu, Yizhong

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E

; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 414
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-414

Query Match 0.6%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369
Db 16 ACAGGCATGAGCCA 3

RESULT 739

US-09-827-998-415/c
; Sequence 415, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 415
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-415

Query Match 0.6%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369
Db 15 ACAGGCATGAGCCA 2

RESULT 740

US-09-827-998-416/c
; Sequence 416, Application US/09827998
; Patent No. 6656700
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
; FILE REFERENCE: MDMORF-8
; CURRENT APPLICATION NUMBER: US/09/827,998
; PRIOR FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27

; NUMBER OF SEQ ID NOS: 1881
; SOFTWARE: Acomica Sequence Listing Engine
; Patent No. 6656700
; SEQ ID NO 416
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-827-998-416

Query Match 0.6%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 7.4e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2356 ACAGGCATGAGCCA 2369
Db 14 ACAGGCATGAGCCA 1

RESULT 741

US-09-104-497-1/c
; Sequence 1, Application US/09104497
; Patent No. 6028245
; GENERAL INFORMATION:
; APPLICANT: WASYLYK, Bohdan
; APPLICANT: TOCQUE, Bruno
; APPLICANT: ALKHALAF, Moussa
; TITLE OF INVENTION: TRANSGENIC ANIMALS OVEREXPRESSIONING MDM2
; FILE REFERENCE: A2716A-US
; CURRENT APPLICATION NUMBER: US/09/104,497
; CURRENT FILING DATE: 1998-06-25
; EARLIER APPLICATION NUMBER: 60/051,739
; EARLIER FILING DATE: 1997-07-03
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-104-497-1

Query Match 0.6%; Score 14; DB 1; Length 23;
Best Local Similarity 77.3%; Pred. No. 6.6e+02;
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1649 AAATGTTGCATTGTCATGCC 1670
Db 22 ACATGTTGTTATTCATGCC 1

RESULT 742

US-09-480-718-35/c
; Sequence 35, Application US/09480718
; Patent No. 6407062
; GENERAL INFORMATION:
; APPLICANT: Sherr, Charles J
; APPLICANT: Queller, Dawn E
; APPLICANT: Weber, Jason D
; APPLICANT: Roussel, Martine F
; APPLICANT: Frederique, Zindy
; TITLE OF INVENTION: ARF-19, A NOVEL REGULATOR OF THE MAMMALIAN CELL CYCLE
; FILE REFERENCE: 1340-1-023 CIP 1
; CURRENT APPLICATION NUMBER: US/09/480,718
; CURRENT FILING DATE: 2000-01-07
; EARLIER APPLICATION NUMBER: 09/129,855
; EARLIER FILING DATE: 1998-08-06
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer


```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Fast-SEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/985,162
; FILING DATE: 04 December 1997
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 799:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-985-162-799

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 7.6e+02;
Matches 6; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY 408 TTGCTTTTGAAGTATT 424
Db 1 UUGCUUUUAAGAUU 17

RESULT 747
US-08-584-040-2163/c
; Sequence 2163, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; COMPUTER: IBM Compatible

```

```

; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2163:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-2163

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1316 GAAAGATAAAGGGAAA 1332
Db 17 GAAAGATAAAGGTGTAA 1

RESULT 748
US-08-584-040-2164/c
; Sequence 2164, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327

```

```

; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2164:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2164

```

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      1315 GGAAGATGAAGGGGAA 1331
Db      17 GGAAGATGAAGGGTGA 1

```

```

RESULT 749
US-08-584-040-2548
; Sequence 2548, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

```

```

; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:

```

```

; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2548:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2548

```

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.6e+02;
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      2038 TACTTGCTTTTCTTTT 2054
Db      1 UACUUUUUUUUUUUUU 17

```

```

RESULT 750
US-08-584-040-2782
; Sequence 2782, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:

```

```

; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES OR
; TITLE OF INVENTION: CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:

```

```

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:

```

```

; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 2782:

```

```

; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-584-040-2782

```

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 7.6e+02;
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      2046 TTTTCTTTCTTAAATA 2062
Db      1 UUUUUUUUUUUUUU 17

```

```

RESULT 751
US-09-371-772B-708/c

```

```

; Sequence 708, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Steinchomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; TITLE OF INVENTION: Levels of Vascular En
; FILE REFERENCE: MBHQ00.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 708
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B 708

```

```
Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 98.2%; Pred.No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

RESULT 752
US-09-371-772B-709/c
/ Sequence 7709, Application US/09371772B
/ Patent No. 6566127
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Pavco, Pam
/ APPLICANT: McSwiggen, Jim
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Escobedo, Jaime
/ TITLE OF INVENTION: Method and Reagent for
/ TITLE OF INVENTION: Levels of Vascular En
/ FILE REFERENCE: MBHQ00.876-J (237/198)
/ CURRENT APPLICATION NUMBER: US/09/371,772B
/ CURRENT FILING DATE: 1999-08-10
/ PRIOR APPLICATION NUMBER: US 60/005,974
/ PRIOR FILING DATE: 1995-10-26
/ PRIOR APPLICATION NUMBER: US 08/584,040
/ PRIOR FILING DATE: 1996-01-08
/ NUMBER OF SEQ ID NOS: 14225
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 709
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-09-371-772B-709

```

```
Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred.No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

RESULT 753
US-09-371-772B-1072
; Sequence 1072, Application US/09371772B

```

? Patent No. 6566127
?
? GENERAL INFORMATION:
?
? APPLICANT: Ribozyme Pharmaceuticals, Inc.
?
? APPLICANT: Pavco, Pam
?
? APPLICANT: McSwiggen, Jim
?
? APPLICANT: Stinchcomb, Dan
?
? APPLICANT: Escobedo, Jaime
?
? TITLE OF INVENTION: Method and Reagent for
?
? TITLE OF INVENTION: Levels of Vascular En
?
? FILE REFERENCE: MEH00,876-J (237/198)
?
? CURRENT APPLICATION NUMBER: US/09/371,772B
?
? CURRENT FILING DATE: 1999-08-10
?
? PRIOR APPLICATION NUMBER: US 60/005,974
?
? PRIOR FILING DATE: 1995-10-26
?
? PRIOR APPLICATION NUMBER: US 08/584,040
?
? PRIOR FILING DATE: 1996-01-08
?
? NUMBER OF SEQ ID NOS: 14225
?
? SOFTWARE: SeqIDin version 3.0
?
? SEQ ID NO 1072
?
? LENGTH: 17
?
? TYPE: RNA
?
? ORGANISM: Homo sapiens
?
? US-09-371-772B-1072

```

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 11.8%; Pred. No. 7.6e+03;
Matches 2; Conservative 13; Mismatches 2; Indels 0; Gaps 0

Qy 2038 TACTGTGTTTTTTTTT 2054
Db 1 UACUUUUUUUUUUUUU 17

```

RESULT 754
US-09-371-772B-1306
; Sequence 1306, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pmcw, Pam
; APPLICANT: MCSw19gen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: MEH800.876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 0584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1306
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-1306

```

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 7.6e+02;
Matches 5; Conservative 10; Mismatches 2; Indels 0; Gaps 0;

Qy      2046 TTTTTTTTCTTAAATA 2062
          : : : : : | : | : |
Db      1 UUUUUUUUCCUAAAAUA 17

```

RESULT 755
US-09-371-772B-6729
; Sequence 6729, Application US/09371772B
; Patent No. 6566127


```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Steinhcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00,876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6729
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-6729

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 7.6e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY      948 AGTGAATCTACAGGCAC 964
      ||:|||||
Db      1 AGUGAUCCACAGGCAC 17

RESULT 756
US-09-401-063-799
; Sequence 799, Application US/09401063
; Patent No. 6623962
; GENERAL INFORMATION:
; APPLICANT: Akhtar, Saghir
; APPLICANT: Felli, Patricia
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT
; TITLE OF INVENTION: OF DISEASES OR CONDITIONS RELATED
; TITLE OF INVENTION: TO LEVELS OF EPIDERMAL GROWTH
; NUMBER OF SEQUENCES: 1877
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/401,063
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/985,162
; FILING DATE: 04 December 1997
; APPLICATION NUMBER: 60/036,476
; FILING DATE: 31 January 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 230/107
; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 799:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-401-063-799

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 35.3%; Pred. No. 7.6e+02;
Matches 6; Conservative 9; Mismatches 2; Indels 0; Gaps 0;

QY      408 TTGCTTTTGAAGTTATT 424
      ::|||:::||||:|
Db      1 UUGCUUUUUAAGUAAU 17

RESULT 757
US-09-866-108A-2551
; Sequence 2551, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2551
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2551

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1302 CCTGAAGATAAAGGAA 1318
      |||||
Db      1 CCTGAAGATAAAGGAA 17
```

```

; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7364
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7364

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      814 CACAAGAAAATTCAGAT 830
      ||| ||||| ||||| |||
Db      1 CACAGAAAATTCAGTT 17

RESULT 760
US-09-866-108A-7365
; Sequence 7365, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 6340
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-6340

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      290 CCGATGGTGAGGAGCA 306
      ||| ||||| ||||| |||
Db      1 CCGATGGTGAGGAGGA 17

RESULT 759
US-09-866-108A-7364
; Sequence 7364, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25

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; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7365
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7365

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      815 AGAAGAAATTCAGATG 831
      ||| ||||| ||||| |||
Db      1 AGCAGAAATTCAGTTG 17

RESULT 761
US-09-866-108A-7366
; Sequence 7366, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7370
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7370

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      820 AAAATTCAGATGAATTA 836
      ||| ||||| ||||| |||
Db      1 AAAATTCAGTTGAATGA 17

RESULT 763
US-09-866-108A-9742/c
; Sequence 9742, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
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```
Db      1 GCAGAAAAATTCAGTTCA 17

RESULT 762
US-09-866-108A-7370
; Sequence 7370, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 7370
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-7370

Query Match      0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      820 AAAATTCAGATGAATTA 836
      ||| ||||| ||||| |||
Db      1 AAAATTCAGTTGAATGA 17

RESULT 763
US-09-866-108A-9742/c
; Sequence 9742, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
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; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9742
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9742

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2154 CACTGCAAGCTCTGCC 2170
Db 17 CACTGCCAGCCTGCC 1

RESULT 764
US-09-866-108A-9743/c
; Sequence 9743, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AECOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 9743
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-9743

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2153 TCACTGCAAGCTCTGCC 2169
Db 17 TCACTGCCAGCCTGCC 1

RESULT 765
US-09-404-912-62
; Sequence 62, Application US/09404912
; Patent No. 6703228
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charest
; TITLE OF INVENTION: Methods and Products Related to
; TITLE OF INVENTION: Genotyping and DNA Analysis
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/404,912
; CURRENT FILING DATE: 1999-09-24
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSEQ for Windows Version 3.0
; SEQ ID NO 62
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-09-404-912-62

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1414 ATGATTCCAGAGAGTCA 1430
Db 1 ATGATTCCAGTGAGTTA 17

RESULT 766
PCT-US93-11582-3
; Sequence 3, Application PC/TUS9311582
; GENERAL INFORMATION:
; APPLICANT: Letwin, Bruce
; APPLICANT: Jezuit, Melissa
; TITLE OF INVENTION: Detection of DNA Contaminants by PCR
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Legal Affairs, Genetics Institute, Inc.
; STREET: 87 CambridgePark Drive
; CITY: Cambridge
; STATE: MA
; COUNTRY: USA
; ZIP: 02140-2387
; COMPUTER READABLE FORM:

```

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US93/11582
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Lazar, Steven R.
REGISTRATION NUMBER: 32,618
REFERENCE/DOCKET NUMBER: 5214X-PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-876-1170
TELEFAX: 617-876-5851
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Chinese Hamster
TISSUE TYPE: Chinese Hamster Ovary
IMMEDIATE SOURCE:
CLONE: Primer Complementary to CHO alu-equivalent
CLONE: consensus seq.
POSITION IN GENOME:
UNITS: bp
PCT-US93-11582-3

Query Match 0.68; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2269 AGACAGGGTTTCACCGT 2285
|||||
Db 1 AGACAGGGTTTCTCTGT 17

RESULT 767
US-09-339-964-26.
Sequence 26, Application US/09339964
Patent No. 6025198
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Lex M. Cowsett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-2 EXPRESSION
FILE REFERENCE: RTS-0065
CURRENT APPLICATION NUMBER: US/09/339,964
CURRENT FILING DATE: 1999-06-25
NUMBER OF SEQ ID NOS: 47
SEQ ID NO 26
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-339-964-26

Query Match 0.68; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2188 TTCTCCTGCCTCAGCCT 2204
|||||
Db 1 TGCTCTGCCTCATCCT 17

RESULT 768
US-08-974-549A-393
Sequence 393, Application US/08974549A

Patent No. 6166178
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
APPLICANT: Lingner, Joachim
APPLICANT: Nakamura, Toru
APPLICANT: Chapman, Karen B.
APPLICANT: Morin, Gregg B.
APPLICANT: Harley, Calvin B.
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 727
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/974,549A
FILING DATE: 19-NOV-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17618
FILING DATE: 01-OCT-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph Ted
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 393:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -

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; LOCATION: 1..18
; OTHER INFORMATION: /note="TCPl.17 primer"
US-08-974-549A-393

Query Match          0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2279 TCACCGTGTAGCCAGG 2295
Db 2 TCACCGTGTGGCAGG 18

RESULT 769
US-09-084-120-7/c
; Sequence 7, Application US/09084120
; Patent No. 6251592
; GENERAL INFORMATION:
; APPLICANT: TANG, JianQing
; APPLICANT: MELANCON, Serge B.
; TITLE OF INVENTION: A NOVEL STR MARKER SYSTEM
; TITLE OF INVENTION: FOR DNA FINGERPRINTING
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SWABEY OGILVY RENAULT
; STREET: Suite 1600, 1981 McGill College Avenue
; CITY: Montreal
; STATE: QC
; COUNTRY: Canada
; ZIP: H3A 2Y3
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/084,120
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: COTE, France
; REGISTRATION NUMBER: 37,037
; REFERENCE/DOCKET NUMBER: 13251-4US FC/lld
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 514 845-7126
; TELEFAX: 514 288-8389
; TELEX:
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-09-084-120-7

Query Match          0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2102 GACGAGTCTGCTCTG 2118
Db 17 GACGAGTCTGCTCTG 1

RESULT 770
US-08-584-040-4459
; Sequence 4459, Application US/08584040
; Patent No. 6346398
; GENERAL INFORMATION:
```

```
; APPLICANT: Pavco, Pamela
; APPLICANT: McSwiggen, James
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TREATMENT OF DISEASES OR
; CONDITIONS RELATED TO LEVELS
; TITLE OF INVENTION: OF VASCULAR ENDOTHELIAL
; TITLE OF INVENTION: GROWTH FACTOR
; NUMBER OF SEQUENCES: 8502
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; STREET: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/584,040
; FILING DATE: January 11, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/005,974
; FILING DATE: October 26, 1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 218/064
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 4459:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-08-584-040-4459

Query Match          0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 52.9%; Pred. No. 7.5e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1385 TGTTCCTGATTGTAAAA 1401
Db 1 UGUUCCUGAUGGUAACA 17

RESULT 771
US-09-179-298-8
; Sequence 8, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Glidea, Brian D.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining to PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
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; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)-(110)
; OTHER INFORMATION: spacer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-8

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 477 TATCTTGGCCAGTATAT 493
||| ||||| |||||
Db 2 TATATTGGCCAATATAT 18

RESULT 772

US-09-179-298-8/c
; Sequence 8, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)-(110)
; OTHER INFORMATION: spacer
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-8

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 477 TATCTTGGCCAGTATAT 493

Db 17 TATATTGGCCAATATAT 1
||| ||||| |||||

RESULT 773

US-09-179-298-9
; Sequence 9, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)
; OTHER INFORMATION: spacer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-9

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 477 TATCTTGGCCAGTATAT 493
||| ||||| |||||
Db 2 TATATTGGCCAATATAT 18

RESULT 774

US-09-179-298-9/c
; Sequence 9, Application US/09179298
; Patent No. 6355421
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; TITLE OF INVENTION: Molecular Beacons
; FILE REFERENCE: BP9702US-CPI
; CURRENT APPLICATION NUMBER: US/09/179,298
; CURRENT FILING DATE: 1998-10-27
; EARLIER APPLICATION NUMBER: 08/958,532
; EARLIER FILING DATE: 1997-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)
; OTHER INFORMATION: spacer
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
; US-09-179-298-9

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGCCAGTATAT 493
||| ||||| |||||
Db 17 TATATTGCCAATATAT 1

RESULT 775
US-08-912-951-160
; Sequence 160, Application US/08912951
; Patent No. 6475789

; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
; REFERENCE/DOCKET NUMBER: 015389-002600US
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; ADDRESS: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, 8th Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: United States of America
; ZIP: 94111

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/912,951
; FILING DATE: 14-AUG-1997

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/951,843
; FILING DATE: 06-MAY-1997

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997

; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph T.
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002600US

; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 160:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; MOLECULE TYPE: DNA
US-08-912-951-160

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2279 TCACCGTGTAGCCAGG 2295
||||| |||||
Db 2 TCACCGTGTGGCAGG 18

RESULT 776
US-09-888-341-8
; Sequence 8, Application US/09888341
; Patent No. 6528267

; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; FILE REFERENCE: BP9702US-CPI-DV1
; CURRENT APPLICATION NUMBER: US/09/888,341
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 08/958,532
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,298
; PRIOR FILING DATE: 1998-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8

; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: spacer
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET

US-09-888-341-8
Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGCCAGTATAT 493
||||| ||||| |||||
Db 2 TATATTGCCAATATAT 18

RESULT 777
US-09-888-341-8/c
; Sequence 8, Application US/09888341
; Patent No. 6528267

; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; FILE REFERENCE: BP9702US-CPI-DV1
; CURRENT APPLICATION NUMBER: US/09/888,341
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 08/958,532
; PRIOR FILING DATE: 1997-10-27

; PRIOR APPLICATION NUMBER: 09/179,298
; PRIOR FILING DATE: 1998-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; NAME/KEY: misc_feature
; LOCATION: (9)..(10)
; OTHER INFORMATION: spacer
; NAME/KEY: misc_feature
; LOCATION: (18)
; OTHER INFORMATION: 3' Dabcyl
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
US-09-888-341-8

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATAT 493
||| ||||| |||||
Db 17 TATATTGCCCAATATAT 1

RESULT 778

US-09-888-341-9
; Sequence 9, Application US/09888341
; Patent No. 6528267
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; FILE REFERENCE: BP9702US-CPI-DV1
; CURRENT APPLICATION NUMBER: US/09/888,341
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 08/958,532
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,298
; PRIOR FILING DATE: 1998-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)
; OTHER INFORMATION: spacer
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
US-09-888-341-9

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATAT 493
||| ||||| |||||
Db 2 TATATTGCCCAATATAT 18

RESULT 779

US-09-888-341-9/c

; Sequence 9, Application US/09888341
; Patent No. 6528267
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Gildea, Brian D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To PNA
; FILE REFERENCE: BP9702US-CPI-DV1
; CURRENT APPLICATION NUMBER: US/09/888,341
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 08/958,532
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,298
; PRIOR FILING DATE: 1998-10-27
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (9)
; OTHER INFORMATION: spacer
; OTHER INFORMATION: Description of Artificial Sequence:SYNTHETIC PROBE
; OTHER INFORMATION: OR TARGET
US-09-888-341-9

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 477 TATCTTGGCCAGTATAT 493
||| ||||| |||||
Db 17 TATATTGCCCAATATAT 1

RESULT 780

US-09-422-978-7398
; Sequence 7398, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7398
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-4266 for SEQ 3464,
US-09-422-978-7398

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 846 CGACAAAGAAACGCCA 862
| ||||| ||||| |||||

Db 1 CCACAAAGAAACTCCA 17

RESULT 781

US-09-422-978-7768/c
; Sequence 7768, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7768
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-2697 for SEQ 3834,
US-09-422-978-7768

Query Match 0.6%; Score 13.8; DB 1; Length 18;

Best Local Similarity 88.2%; Pred.No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 403 AGCCATTGCTTTGAAG 419

Db 17 AGCCATTGCTTTGAAG 1

RESULT 782

US-09-371-772B-2172
; Sequence 2172, Application US/09371772B
; Patent No. 6566127
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re...
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MHBH00, 876-J (237/198)
; CURRENT APPLICATION NUMBER: US/09/371,772B
; CURRENT FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; NUMBER OF SEQ ID NOS: 14225
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2172
; LENGTH: 18
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-371-772B-2172

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 52.9%; Pred.No. 7.5e+02;
Matches 9; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 1385 TGTTCTGATTTGAAAA 1401

Db 1 UGUUCCUGAUGUAACA 17

RESULT 783

US-09-402-181B-393
; Sequence 393, Application US/09402181B
; Patent No. 6610839
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; APPLICANT: Lingner, Joachim
; APPLICANT: Nakamura, Toru
; APPLICANT: Chapman, Karen B.
; APPLICANT: Morin, Gregg B.
; APPLICANT: Harley, Calvin B.
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 633
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/402,181B
; FILING DATE: 29-Sep-1997
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ausenhus, Scott L.
; REGISTRATION NUMBER: 42,271
; REFERENCE/DOCKET NUMBER: 015389-002620US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 393:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCP1.17 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 393:
US-09-402-181B-393

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2279 TCACCGTGTAGCCAGG 2295
Db 2 TCACCGTGTGGCAGG 18

RESULT 784

US-09-721-456-393
; Sequence 393, Application US/09721456
; Patent No. 6617110
; GENERAL INFORMATION:
; APPLICANT: Cech, Thomas R.
; Lingner, Joachim
; Nakamura, Toru
; Chapman, Karen B.
; Morin, Gregg B.
; Harley, Calvin B.
; Andrews, William H.
; TITLE OF INVENTION: Human Telomerase Catalytic Subunit
; NUMBER OF SEQUENCES: 727
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/721,456
; FILING DATE: 22-Nov. 6617110-2000
; CLASSIFICATION: <unknown>

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/974,549A
; FILING DATE: 19-NOV-1997
; APPLICATION NUMBER: US 08/724,643
; FILING DATE: 01-OCT-1996
; APPLICATION NUMBER: US 08/844,419
; FILING DATE: 18-APR-1997
; APPLICATION NUMBER: US 08/846,017
; FILING DATE: 25-APR-1997
; APPLICATION NUMBER: US 08/851,843
; FILING DATE: 06-MAY-1997
; APPLICATION NUMBER: US 08/854,050
; FILING DATE: 09-MAY-1997
; APPLICATION NUMBER: US 08/911,312
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/912,951
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: US 08/915,503
; FILING DATE: 14-AUG-1997
; APPLICATION NUMBER: WO PCT/US97/17618
; FILING DATE: 01-OCT-1997
; APPLICATION NUMBER: WO PCT/US97/17885
; FILING DATE: 01-OCT-1997

ATTORNEY/AGENT INFORMATION:
; NAME: Apple, Randolph Ted
; REGISTRATION NUMBER: 36,429
; REFERENCE/DOCKET NUMBER: 015389-002610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 393:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs

; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; FEATURE:
; NAME/KEY: -
; LOCATION: 1..18
; OTHER INFORMATION: /note= "TCP1.17 primer"
; SEQUENCE DESCRIPTION: SEQ ID NO: 393:
US-09-721-456-393

Query Match 0.8%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2279 TCACCGTGTAGCCAGG 2295
Db 2 TCACCGTGTGGCAGG 18

RESULT 785

US-09-465-491-4/C
; Sequence 4, Application US/09465491
; Patent No. 6664046
; GENERAL INFORMATION:
; APPLICANT: Chang, Sheng-Yung P.
; APPLICANT: Chang, Christopher D.
; TITLE OF INVENTION: Quantitation of hTERT mRNA Expression
; FILE REFERENCE: RP41002
; CURRENT APPLICATION NUMBER: US/09/465,491
; CURRENT FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-465-491-4

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2226 TCATCTGCCACACACC 2242
Db 17 TCATGTGCCACACGCC 1

RESULT 786

US-09-155-885A-247
; Sequence 247, Application US/09155885A
; Patent No. 6709812
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHVE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 247:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 247:
US-09-155-885A-247

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. NO. 7.5e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1120 ATGAGATGATGAGGTA 1136
||| ||||| |||||
Db 2 ATGTAGATGATGTGTA 18

Search completed: January 25, 2005, 15:32:19
Job time : 28 secs